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W. F. Ebeling  
SEEDS  
HORTICULTURE

*Everything for Farm, Garden & Lawn - Dog Foods, Poultry Pet & Bird Supplies*

**F. H. Ebeling** 1933  
**SEEDS**  
Established 1868  
SYRACUSE  
NEW YORK





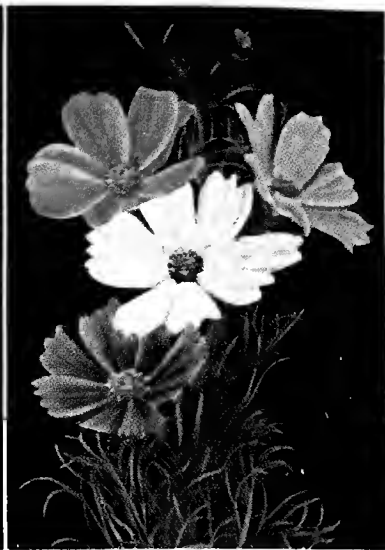
Asters.



Calendula.



Everblooming Carnations.



Early Mammoth Cosmos.

# Ebeling's Seed Book for 1933

**T**HIS new Ebeling's farm, garden and floral guide is quite different in many ways. You will find it of unusual interest, as much more complete information is included for the city, farm and garden enthusiast. Many new photos have been added and new color illustrations to present a more realistic idea of the gorgeous hues and tints with which Nature has endowed these glorious flowers so popular with Ebeling's customers throughout the country. From the smallest home garden to country estate, you will find **every worth while garden need** in this book of Ebeling's Tested and Guaranteed Seeds, Bulbs, Plants and Accessories.

The Ebeling Store still remains in the same building in which it was started sixty-five years ago, and stands second to none as one of the best equipped Seed, Hardware and Implement Stores in Central New York.

**OUR PET DEPARTMENT** is unusually attractive. This year to take care of the growing demand for tropical fish, we have been able to gather together an assortment of unique and colorful specimens.

We are proud, indeed, to know that for over fifty years many of our customers have continued to do business with us, and it is only through our extreme care and appreciation of their requirements that we merit the continued confidence of our hundreds of friends everywhere.

**This year is your opportunity to buy at rock bottom prices**, and it will more than pay you to visit our Warehouse Branch Store on the Erie Boulevard, to inspect our large assortment of tools and machinery for the garden and farm, and arrange for your purchases at the present low prices.

## Now a Beautiful Lawn at Low Cost



### Ebeling's Evergreen Lawn Grass

This is by far the best mixture of grasses offered for the purpose of quickly producing a permanent lawn. It is prepared from our own formula and is a careful blending of varieties adapted to producing the thick growth and velvety appearance so much sought after. Each variety of grass in its composition is there for a special purpose; some for making strong, fibrous roots, which take hold upon the soil and keep the turf in place, others of a creeping nature quickly fill up any bare spots which may be caused by the taller sorts dying down; varieties which are useful for their color value, and also kinds that are able to withstand the beating down of excessive rains.

Whether you want to seed a small grass plot in your yard, or a lawn of more pretentious size, you should use this grass mixture. For the convenience of customers, we put this seed up in various sized packages, from the single pound, which is sufficient to cover 100 square feet of ground, to such quantities as are required for seeding large lawns where six bushels of seed to the acre are required. **Lb., 35c; 100 lbs., \$30.00.**

### Ebeling's Shady Place Grass

It is quite difficult to obtain a satisfactory growth of grass under trees in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our regular Lawn Grass Mixture, it may be used on those portions of the lawn which are shaded by trees, buildings, etc. **Lb., 40c; 10 lbs., \$3.50.**



TAKE CARE OF YOUR LAWN "This is Your Country—Beautify It"



Home of Mrs. H. W. Duguid, 1609 James St., showing our garden furniture and fencing—also a portion of the lawn and garden with little grand-daughter in center.

# Ebeling's Lawn Grass Seed

EBELING'S LAWN SEED contains no timothy. Enormous quantities of so-called lawn seed are sold which contain little or no seed of permanent lawn grasses, but are chiefly composed of timothy, a coarse hay which comes up quickly, but inevitably ruins a lawn.

DON'T BE MISLED by cheap lawn seed—it seldom proves successful, and entails a lot of extra work to rid the lawn of weeds. Reliable lawn seed is the cheapest in the long run—even if the price is slightly higher.

### HOW TO MAKE A LAWN

Have soil thoroughly spaded up, enriched with sheep fertilizers or ground bone, level and roll it well to

make compact. Select a still day for seeding; sow one-half of the seed from north to south and half from east to west, rake it over and roll again. When grass comes up re-seed the bare spots. Mow grass when 2 inches high, and as necessary thereafter. Don't rake up short clippings, as they make a good mulch. Always thoroughly soak a lawn whenever required, but never sprinkle lightly.

### Quantities to Use

For 150 square feet .....	1 lb.
For 1000 square feet .....	7 lbs.
For 2000 square feet .....	14 lbs.
For one acre .....	300 lbs.
For old lawns one-half the above is sufficient.	

## Golf Links Mixture

Made from our own formula with the object of producing a turf which will stand rough usage. For Tennis Courts, Cricket Tables, Golf Links, Polo Grounds, this seed will give perfect satisfaction. Per lb., 40c; bu. (20 lbs.), \$7.00.

## Terrace Grass

Ordinary lawn grass will not hold the soil on terraces and embankments, which require a thick turf, composed of varieties which make strong roots to take hold of the soil and prevent washing by heavy rains. Our Terrace Grass is a carefully selected combination of such grasses as will make a quick growth and form a strong mat and present a good appearance. It is best to enrich the soil to give a vigorous start. Per lb., 40c; bu. (20 lbs.), \$7.00.

## Putting Green Mixture

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, uniform, low growing and most hardy kinds, which maintain their rich, green color throughout the season. We also recommend it for terraces, embankments, and steep slopes. Per lb., 70c; bu. (25 lbs.), \$16.00.

KENTUCKY BLUE GRASS. Per lb., 30c.  
RED TOP. Per lb., 25c.

## White Dutch Clover Seed

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. Lb., 60c; 10 lbs., \$5.00.

# NON-WARRANTY

Sometimes, though not often, our seeds do not come up after planting. This may be due to one or more of several reasons, such as covering too deeply or not deeply enough, too much or too little water, too cold weather or a baking sun which forms a crust too hard for the tender shoots to penetrate. Sometimes insects destroy plants at the surface before they are seen by the gardener. We cannot personally direct the use of our goods after they leave our hands; neither can we fully control any-

where or at any time the operation of natural law as it affects seeds; therefore, we give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds or bulbs we send out, and we will not be in any way responsible for the crop.

We are not bound for any definite time or quantity by the prices quoted in this catalog, and they are subject to change without notice. We recommend that you order as early as possible.



# The Joy of Beautiful Flowers

A Few Cents Worth of Ebeling's Fresh Flower Seeds Bring Nature's Sweetest Gifts.

**ABUTILON** (Chinese Bellflower or Flowering Maple). Free-flowering, perennial shrub; fine for indoors. For outdoors sow before April. Will bloom first season. Pkt., 10c.

**ACHILLEA**, The Pearl. Perennial. Pure white; fine for cutting. June to August. 2 ft. Pkt., 10c.

**ACONITUM** (Monkshood or Wolfsbane). Hardy perennial, long spikes of odd shaped blue and white flowers, adapted to shady corners or among shrubbery. 3 to 5 ft. Pkt., 10c.

**ACROCLINIUM**. Pretty, annual everlasting. 15 inches high; lovely white or rosy pink flowers, fine for border. Single or double. Pkt., 10c.

**ADLUMIA** (Mountain Fringe or Allegheny Vine). A hardy, biennial climber; will resow itself year after year. Feathery foliage resembling Maidenhair Fern, flowers tube-shaped, flesh-colored, completely covering the plant. Fine for trellises, stumps, etc. Pkt., 10c.

**ADONIS** (Pheasant's Eye; Flos Adonis). Showy, hardy annual, of easy culture, fine cut foliage, blooms a long time; dark crimson flower with light center. Height 1 ft. Pkt., 10c.

**AGERATUM** (Floss Flower). Blooms from early summer until frost. Sow in March or in hotbed and transfer into open ground in June when weather is suitable; valuable for winter flowering for conservatory. Pkt., 10c.



**Ageratum.**

**Blue Perfection**. Dark blue, largest flowering, fine bedder. Pkt., 10c.

**Little Dorrit**. Beautiful, compact; sky blue, white center; very exquisite. Pkt., 10c.

**Tom Thumb** (Little Blue Star). 4 in. The finest variety for neat edgings. Pkt., 10c.

**Mexicanum**. Lavender-blue. 1½ ft. Pkt., 10c.

**Imperial Dwarf White**. Height 8 inches. Pkt., 10c.

**AGROSTEMMA** (Rose of Heaven). Free-blooming, hardy perennial, blooming first season. Height 1 to 2 ft. Mixed. Pkt., 10c.

**ALYSSUM** (Madwort). Pretty little plants for beds, vases, baskets, edging, etc. Bloom profusely all summer, also useful for winter. Very sweet-scented.

**Lilac Queen, Mixed**. Dwarf varieties. Pkt., 10c.

**Little Gem** (or Carpet of Snow). 4 to 6 inches in height, each

plant covering a circle of 15 to 30 inches. Pkt., 10c.

**Saxatile Compactum** (Basket of Gold). Handsome yellow flowers, hardy perennial blooming first season, fine for rock work. 1 ft. Pkt., 10c.

**SWEET ALYSSUM**. Trailing flowers, white. Pkt., 10c.

**AMARANTHUS**. Brilliant foliaged annuals. 3 to 5 ft. Useful in borders or centers of large beds. Do not plant too closely.

**Brilliant**. Foliage bright red, ends of branches carmine-rose, red and yellow. Pkt., 10c.

**Caudatus** (Love-Lies-Bleeding). Blood red, drooping foliage. 3 ft. Pkt., 10c.

**Sunrise**. Bronzy crimson to brilliant-scarlet. Fine for parks and large beds. 3 ft. Pkt., 10c.

**Tricolor** (Joseph's Coat). Leaves red, yellow and green. 3 ft. Pkt., 10c.



**Sweet Alyssum in Rockery.**

## The New 1933 Antirrhinum maximum Salmon Rose

One of the most popular of all colors in flowers, and new this year in the Antirrhinum maximum. A beautiful salmon shade blended with begonia-rose. Undoubtedly the most beautiful of all. Offered in packets only. Per pkt., 35c; 4 pkts., \$1.00.

**AMMOBIUM, Grandiflorum** (Winged Everlasting). Pretty border, annual everlasting, snow white with yellow disc. Pkt., 10c.

**AMPELOPSIS** (Boston or Japanese Ivy). Hardy, perennial climber, olive green leaves turning to scarlet in fall. Popular climber, fine for brick or stone walls. Pkt., 10c.

**ANCHUSA** (Alkanet). Italica Dropmore variety. Grows 3 to 5 feet high and bears in abundance flowers of the richest gentian blue during May and June. Pkt., 10c.

**Capensis** (Cape Forget-me-not). A splendid blue annual variety, blooming all summer; 18 inches. Pkt., 10c.

**ANEMONE** (Windflower). Hardy perennial, large flowers, fine for bouquets.

**St. Brigid**. A beautiful selection. Our seed comes from a famous Irish grower and comprises semi-double and double flowers in a wonderful array of colors. Pkt., 10c.

**ANTHEMIS, Kelwayi** (Hardy Marguerite). A most satisfactory hardy perennial, bearing all summer daisy-like golden yellow blossoms. Excellent for cutting. 2 ft. Pkt., 10c.

**ANTIRRHINUM** (Snapdragon).

**Giant Varieties**. Of tall growth, very large individual flowers: Scarlet, White, Yellow, Garnet, Pink (silver-pink), Rose (rich rose). Pkt., 10c.

**Semi-Dwarf**. A splendid mixture, containing all the colors. Pkt., 10c.

**Tom Thumb**. Extra choice variety. Choice mixed, pkt., 10c.

**AQUILEGIA** (Columbine). Charming hardy perennial. 1 to 3 ft. Profuse bloomer, blue, white, rose, yellow, purple, striped, etc.

Fine for borders. Single mixed, pkt., 10c. Double mixed, pkt., 10c.

**Long-Spurred Hybrids**. A beautiful strain comprising shades and combinations of blue, white, yellow, orange, scarlet and bright rose-pink, in large flowers with long spurs. Pkt., 10c.

**ARABIS, Alpina** (Rock Cress). Very early, pure white, spring flowers, appear as soon as snow disappears. Fine for rockeries or edging. 6 inches high. Pkt., 10c.

**Rosea** (Rock Cress Rose). Perennial. Pkt., 10c.

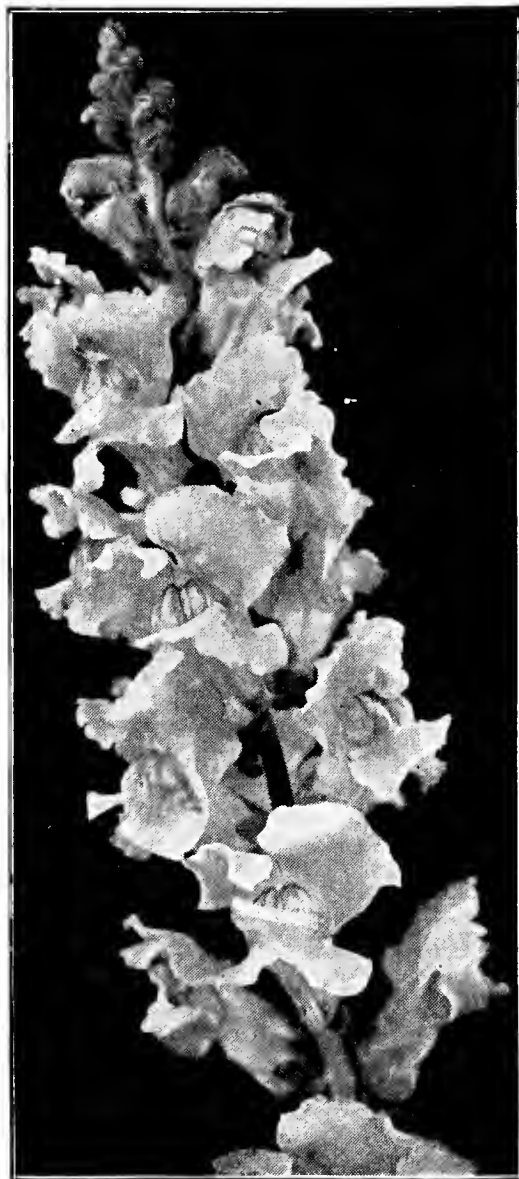
**ARCTOTIS, Grandis** (African Daisy). A remarkably handsome annual from Southwest Africa. It forms much-branched bushes 2 to 3 ft. high. Its flowers are large and showy, being pure white on the upper surface, the reverse of petals lilac-blue. Pkt., 10c.

**ARMERIA** (Sea Pink or Cushion Pink). Very pretty edging plant, bearing large tufts with rosy pink flowers; hardy perennial. Pkt., 10c.

**ASPARAGUS, Plumosus Nanus**. Graceful climber, finer than most delicate ferns. Will last for weeks after being cut, easily cultivated. Pkt., 25c.

**Sprengeri**. One of the best for hanging baskets or general purposes. Fronds 4 ft. long. Pkt., 10c.

**ASPERULA, Odorata** (Sweet Woodruff). Fragrant leaves and stems; grown in shaded places; white flowers. Pkt., 10c.



Snapdragon.

## ASTERS

**ASTERS** are now one of the most important summer and autumn flowers. Their immense popularity and world-wide demand shows their adaptability to any soil or climate, there being early, medium and late flowering sorts which extends the blooming period from early July until frost. For the best results the ground should be very rich. Good results can be obtained from ordinary garden soil.

### BRANCHING VARIETIES:

**ROYAL ASTERS** (or Early Branching). These are dwarf branching, about 2 ft. high, flowers of the branching type; coming into bloom in July or early August.

**PEERLESS YELLOW**. Best yellow. Pkt., 10c.

**SUNSHINE** (Improved Anemone-Flowered). Long quilled petals. Some of the flowers have twisted petals and some have quilled petals; all have a cushion center of tiny quills of a contrasting color which makes a flower look as if it were covered with snowflakes. The blue flowers are dotted with a paler blue and some in white, and the rose in a lighter shade of pink or white. A wonderful cut flower variety of startling appearance. The flowers last a long time after cutting.

**Sunshine Mixed**. All colors. Pkt., 25c.

### AMERICAN OR LATE BRANCHING—

**Blackish Blue**. A deep dark blue. Pkt., 10c.

**Deep Crimson**. Rich and glowing. Pkt., 10c.

**Peach Blossom**. Pkt., 10c.

**Pale Lavender**. Exquisite grayish blue. Pkt., 10c.

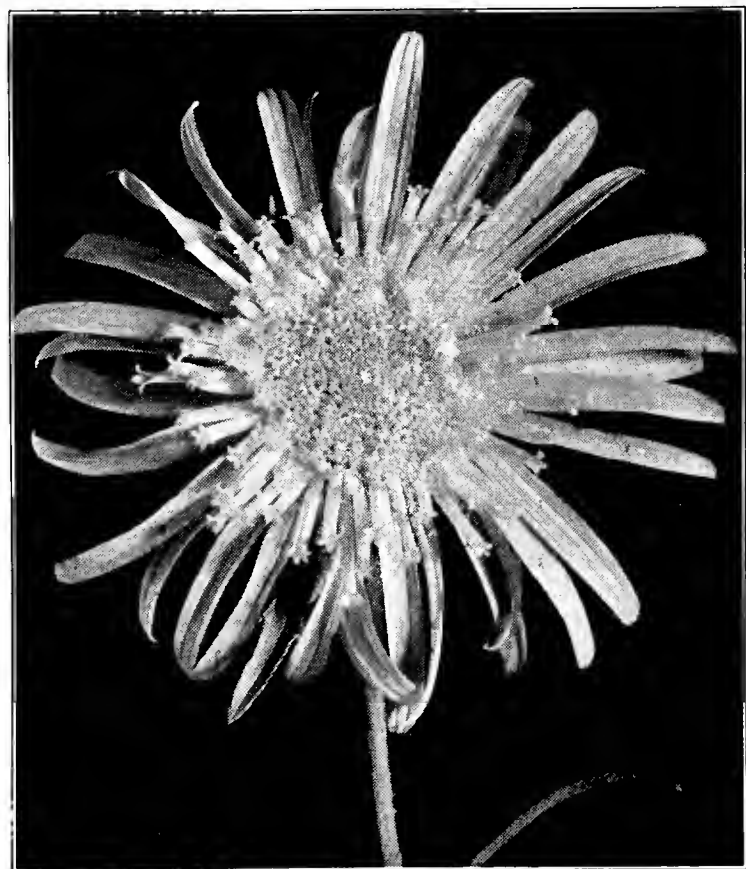
**Deep Purple**. A rich royal shade. Pkt., 10c.

**Rose-Pink**. A lovely shade; very popular. Pkt., 10c.

**Shell Pink**. Soft and dainty. Pkt., 10c.

**Pure White**. Perfect in its purity. Pkt., 10c.

**Finest Mixed**. All colors mixed. Pkt., 10c.



Sunshine Aster.



ASTERS—Continued.



Balsam.

**CREGO'S GIANT COMET ASTERS.** We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type. We offer seven colors, viz.: White, Shell Pink, Purple, Deep Rose, Crimson, Lavender, pkt., 10c. Mixed, pkt., 10c.

**QUEEN OF THE MARKET ASTERS.** A first-class early-flowering Aster, coming into flower in July, of branching habit. Flowers of good size and borne on long stems, making them exceedingly valuable for cutting. 1 ft. Bright Rose, Crimson, Lavender, Pink, Purple, White, pkt., 10c. Mixed colors, pkt., 10c.

**BEAUTY ASTERS.** A recently developed late flowering strain coming into bloom in late September, and being at their best through October. The plants grow nearly 3 feet high, and bear their very large, densely double flowers on long strong stems. We offer six beautiful colors: Azure Fairy, Dark Lavender, pkt., 10c. September Beauty, shell pink, pkt., 10c. White, pkt., 10c. Mixed colors, pkt., 10c.

**OSTRICH FEATHER.** Magnificent, resembling the Comet. Flowers of immense size of loosely formed petals, equaling the best Japanese Chrysanthemums. White or pink. Mixed, pkt., 10c.

**HEART OF FRANCE ASTER.** This recent introduction is the largest flowering of the very dark red sorts; plants grow about 24 inches high, nicely branched, bearing in September their large, rich, deep ruby red flowers on long, strong stems. A fine, dark variety. Pkt., 10c.

**KING ASTERS.** The "King" Aster forms a distinct class or type. They are of strong, sturdy habit, growing fully 18 inches high, and bear from August to October very large double blossoms, the petals of which are more or less quilled, forming a very attractive flower. Mixed colors, pkt., 10c.

**BALSAMS (Lady Slipper).** Double, camellia-flowered type, an old favorite. Gorgeous brilliant colored, double flowers in great profusion, easily cultivated. 2 ft. high. Double mixed, pkt., 10c.

**BAPTISIA (False Indigo).** Beautiful, hardy, perennial, pea-shaped flowers on spikes 6 inches long, bright blue. 2½ ft. Pkt., 10c.

**BELLIS (or English Daisy).** Perennial. Double Daisy, very handsome spring flowering plant. Pkt., 10c.

**BLUE LACE FLOWER.** (See Didiscus).

**BRACHYCOME (or Swan River Daisy).** Dwarf, annual, profuse bloomer, pretty blue or white flowers. Pkt., 10c.

**CALCEOLARIA (Lady's Slipper).** Ornamental plant with mass of beautiful pocket-like flowers. Blooms early and very fine for decorating greenhouse or conservatory. Pkt., 25c.

**CALENDULA (Pot Marigold).** Very showy, free-flowering until frost; hardy annual. Grows in any good soil, fine for beds or mixed borders. Fine for pot culture. Height 1 ft.

Lemon Queen. Light yellow. Pkt., 10c.

Meteor. Large double yellow, striped with orange. Pkt., 10c.

Orange King. Large double orange-red flowers. Pkt., 10c.

Radio. A beautiful departure from the conventional form of Calendulas, as the petals are attractively quilled. The color is a deep shade of golden yellow. The flowers are large and double. Pkt., 10c.

Mixed. Per pkt., 10c.

**CALLIOPSIS.** Annual. Showy, free-flowering, blooms all summer, fine for cutting, massing, beds and borders. All single sorts have large flowers 2 to 4 inches in diameter. 1 ft. high. Single or double, mixed colors. Pkt., 10c.

Golden Wave (Drummond). Large golden yellow with brown center. Pkt., 10c.

Tom Thumb Dazzler. Large golden-yellow blooms, maroon-red centers. 12 in. Pkt., 35c; ⅛ oz., 80c; ¼ oz., \$1.40; oz., \$4.20.

**CARNATION, Kelway's Perfect Model.** Choicest double perennial mixed. Pkt., 10c.

*"The kiss of the sun for pardon,  
The song of the birds for mirth,  
You're nearer God's heart in a garden,  
Than anywhere else on earth."*

**PERENNIAL MICHAELMAS DAISY.** Single, hardy. Does well in any garden soil. If sown early will flower in early season. Pkt., 10c.

**BABY'S BREATH.** (See Gypsophila).

**BACHELOR'S BUTTON.** (See Centaurea Cyanus). Mixed colors, 10c. Double blue, Pkt., 10c.

**BALLOON VINE (Love-in-a-Puff).** Rapid growing annual climber, white flowers, seed vessels look like miniature balloons. Pkt., 10c.



Calendula, Radio.

**CAMPANULA** (Bellflower). Favorite, hardy herbaceous plant with great profusion of bell flowers. Thrives in light rich soil.

**Carpatica.** Blue and white, bloom the whole season. 6 inches. Pkt., 10c.

**Persicifolia Grandiflora.** Fine hardy bellflowers. 2 to 3 ft. Blue or white. Mixed. Pkt., 10c.

**CANARY-BIRD VINE** (*Tropaeolum Canariense*). Handsome annual, rapid climber, charming little canary-colored blossoms bearing a fancied resemblance to a bird with wings half expanded. Pkt., 10c.

**CANDYTUFT** (*Iberis*). A great favorite, fine for cutting, looks best in beds or masses. Sow in spring; will bloom until frost. Very hardy, easily cultivated. Single plants look well and bloom profusely. 1 ft.

**Carmine.** Pkt., 10c.

**White.** Pkt., 10c.

**Crimson.** Pkt., 10c.

**Empress.** A complete mass of pure white flowers. Pkt., 10c.

**White Rocket.** Pkt., 10c.

**White Hyacinth-Flowered.** Pkt., 10c.

**Mixed Colors.** Pkt., 10c.

**White.** Perennial. Pkt., 10c.

**Lilac.** Perennial. Pkt., 10c.

**CANNA** (Indian Shot). Without exception one of the handsomest bedding plants. Soak the seeds in warm water until they show evidence of swelling. When the second leaf is out pot singly and keep under glass until proper season for planting out.

**CANTERBURY BELL** (*Campanula Medium*; Single Canterbury Bells). The old-fashioned sort with beautiful, large bell-shaped blossoms; we offer three distinct colors and mixed, as follows: Blue, Rose, White, pkt., 10c. Single Mixed, pkt., 10c. All the double flowering medium varieties, pkt., 10c.

**Cup and Saucer** (*Campanula Calycanthema*). Rose-Pink, delicate rosy pink; Blue, a fine clear shade; White, pure white; Finest Mixed, all colors of the Cup and Saucer type, pkt., 10c.

**CARNATION.** See *Dianthus*. Great favorite for their delicious fragrance and richness of color, indispensable for winter or summer culture.

**Marguerite Carnations.** Very popular, as they begin flowering a few weeks from time of sowing, half dwarf, strong, requiring no support, produce long, strong stems, abundant, large double beautifully fringed, highly scented flowers. Pink, White, Red, Yellow, pkt., 10c. Mixed colors, pkt., 10c.

**Chabaud's.** Everblooming, mixed. Pkt., 10c.



Carnations.



*Celosia Childsi.*

**Enfant de Nice Mixed.** Of French origin, unquestionably the best variety grown from seed. Magnificent flowers 2½ in. to 3 in. in diameter on long, strong stems rising from robust plants of upright habit. A special virtue of this strain is the fact that the calyx does not split. One of the finest for outdoor culture for either florists or private gardeners. Very early. Pkt., 35c; 1/32 oz., 90c; 1/16 oz., \$1.65.

**CASTOR OIL BEAN.** See *Ricinus*.

**CELOSIA CRISTATA** or **Cockscomb Varieties.** Free-blooming annuals. Plant in light soil not too rich; grand for border and fine for pots. (2½ to 3 feet). These stately plants are considered among the most ornamental and should not be omitted in any garden. Form pyramidal bushes branching out in candelabra shape, the numerous massive plumes resemble ostrich feathers, waving gracefully above the foliage.

**Empress.** Combs of colossal size known to measure 45 inches from tip to tip; rich crimson. Pkt., 10c.

**Glasgow Prize.** Dark crimson. Pkt., 10c.

**Dwarf.** 8 inches high, sometimes measuring 2 ft. across, pkt., 10c. Mixed, pkt., 10c.

**CELOSIA PLUMOSA** (Feathered Cockscomb). Crimson, White, Yellow, Mixed, pkt., 10c.

**CELOSIA CHILDSI** (The Chinese Woolflower). Plants grow two to three feet high, the bloom starting early with a central head, round and globular, which often reaches the immense size of two feet in circumference. Scores of branches are thrown out, each bearing a ball of scarlet wool, so that a plant looks like an immense bouquet splendidly arranged. Blooms until hit by frost. A deep, rich, dark crimson-scarlet. Pkt., 10c.

**Mixed.** Pkt., 10c.

**CENTAUREA** or **Bachelor Button.** Under this name is included the popular annuals like Corn Flower, Blue Bottle, Ragged Sailor, Sweet Sultans, etc. Great favorites, fine for cut flowers; white-leaved sorts, or Dusty Millers are largely used for bedding, vases, etc.

**Sweet Sultans** (*Centaurea Imperialis*). Beautiful, sweet-scented; strong stems; when cut will stand for several days in good condition, of easy culture. Mixed Colors, Pkt., 10c.

**Cornflower** (*Centaurea Cyanus*). Double Blue, Pink, White, Mixed. Pkt., 10c.

**Gymnocarpa.** Fine cut silvery foliage. Pkt., 10c.

**Candidissima.** Broad cut silvery foliage. Pkt., 10c.

**Montana Blue.** Giant perennial. Pkt., 10c.

**CERASTIUM, Tomentosum** (Snow-in-Summer). Dwarf, white-leaved edging plant; flowers white; perennial; 4 inches. Pkt., 10c.

**CHEIRANTHUS, Allioni** (Siberian Wallflower). A biennial but best treated as an annual. Brilliant orange flowers. Pkt., 10c.

**CHRYSANTHEMUMS.** Annual sorts, showy, effective garden favorites. Double mixed, pkt., 10c. Single mixed, pkt., 10c.

**Nivelli.** A delightful new variety with pure yellow, showy, attractive, free-blooming single flowers, 2 to 3 inches across. Easily grown, blooming throughout summer and fall. Best in cool sections. Excellent cut flowers. Pkt., 35c; 4 pkts., \$1.00.

**CINERARIA.** Seed may be sown from May to September in succession. Where only one sowing is made July should be preferred. Cinerarias grow so freely that the seedling may go straight from seed pans to thumb pots. For transplanting, plant in cold frame facing North, if possible. When pots become full of roots shift into larger ones until the flowering size is reached.

**Dwarf Mixed.** Pkt., 35c.

**Tall Mixed.** Pkt., 35c.

**Stellata (Star Cineraria).** A charming variety with large spreading panicles of starry flowers. Same colors as the common Cineraria. Very effective for house or conservatory decoration, church decoration and for cutting. Pkt., 35c.

**CLARKIA.** This pretty and easily grown annual has been much improved in recent years. They do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut. Elegans Double Mixed. A fine mixture containing all the colors. Pkt., 10c.

**CLEMATIS.** Rapid-growing climber, fine for arbors and verandas. Seeds are slow to germinate and should be soaked in warm water 24 hours. Hardy perennial, mixed colors. Pkt., 10c.

**CLIANTHUS (Australian Glory Pea).** Beautiful, tender, perennial shrub with clusters of brilliant pea-shaped flowers, 3 inches in length, with large black blotch for center. Pkt., 10c.

**COBAEA (Cup and Saucer Vine).** A rapid climber; fine for trellises, arbors, etc., clings to any rough surface. Place seeds in the ground edgewise and cover with light soil. Purple, pkt., 10c. Pure White, pkt., 10c.

**COLEUS (Flame Nettle).** An attractive foliage plant for house or garden. Very interesting to grow from seed, easily raised. Sow in March or April. Pkt., 15c.

**CONVOLVULUS (Morning Glory).** Climbing varieties, very popular, and one of the most free-flowering, rapid growing plants in cultivation, doing well in almost any situation with beautiful brilliant flowers. Annuals. 15 ft. Mixed colors, pkt., 10c; oz., 15c.



Double Crested Cosmos.



Coreopsis.

**COREOPSIS, Lanceolata Grandiflora.** On long, graceful stems these plants bear large daisy-like flowers with broad fluted petals. In color they are a rich, glossy chrome yellow. They bloom without interruption for a long season and are brilliant in the garden as well as for cutting. Single, pkt., 10c; semi-double, 10c.

**COSMOS.** Beautiful autumn-blooming plant, producing thousands of beautiful flowers in pure white, pink and crimson shades. Fine for autumn decoration when other flowers are scarce. Sow in spring in open ground when danger of frost is over, or may be started under cover and transplanted. Set about 18 inches apart in rows or in masses in beds. When about a foot high pinch the tops out to induce a bushy growth, 2½ to 4 ft. in height.

**Early Crimson.** Rich and deep. Pkt., 10c.

**Early Light Pink.** A popular color. Pkt., 10c.

**Early Pure White.** Pkt., 10c.

**Extra Early Mammoth Flowering.** Mixed colors. Pkt., 10c.

**Extra Early Double Crested Cosmos.** Mixed colors. Pkt., 10c.

**CUCURBITA.** See Gourd.

**CYCLAMEN.** Charming plant with richly colored foliage, fragrant flowers. Great favorites in winter or spring. Sow in spring or autumn.

**Persicum.** Choicest mixed. Pkt., 35c.

**CYNOGLOSSUM, Amabile (Chinese Forget-Me-Not).** Sweet-scented, ultramarine-blue. 2 ft. Pkt., 10c.

**CYPRESS VINE (Ipomoea Quamoclit).** A favorite summer climbing annual, with feathery foliage and star-shaped flowers borne in clusters.

**Mixed Colors.** Pkt., 10c.

**DAHLIA.** One of the best late summer and autumn flowering sorts, very popular. The double sorts will bloom first season if sown early. Single will bloom first season if sown in the open ground. Many prefer the single sorts to Cosmos, having the larger variety of colors and longer season of bloom.

**Double.** Finest mixed. Pkt., 10c.

**Single.** Finest mixed. Pkt., 10c.

**Cactus.** From named varieties. Pkt., 10c.



**DATURA** (Trumpet Flower). Ornamental annuals, large showy flowers. 2 to 3 ft. Double and single. Pkt., 10c.

**DELPHINIUM** (Perennial Larkspur). One of the most handsome hardy perennials, splendid flowers and curiously cut leaves; for permanent beds and borders they are indispensable. Mixed. Pkt., 10c.

**Gold Medal Hybrids.** Mixed. Pkt., 10c.

**Formosum.** Popular for groups, tall spikes of dark blue flowers with white eyes. 2 to 3 ft. Pkt., 10c.

**Belladonna.** Clear Turquoise Blue, pkt., 10c. Choicest hybrids mixed, pkt., 10c.

**Nudicaule.** Large scarlet flower. 1½ ft. Pkt., 10c.

**Chinese.** This is a perennial but if planted early will bloom in August. Its foliage is small and is from 12 to 18 inches tall.

**Blue Butterfly.** Blue. Pkt., 10c.

**Alba.** Pure white. Pkt., 10c.

**DIANTHUS or PINKS.** A magnificent sort embracing some of the most popular flowers in cultivation, of great variety and brilliancy with profusion of bloom. The sorts classed as annuals may be sown out-of-doors when danger of frost is past. In a few weeks' time they are a mass of bloom, continuing until frost. See Carnation. Carnations are general favorites for the greenhouse in winter and the garden in summer. The Marguerite is one of the best for summer flowering.

**Semperflorens** (Everblooming Hardy Garden Pinks). Very beautiful, sweet-scented, double, semi-double and single in great diversity of colors. Mixed colors. Pkt., 10c.

**Deltoides, Brilliant** (Maiden Pink). Dwarf brilliant carmine. Fine for rock gardens. Pkt., 10c.

**Double Annuals.**

**Laciniatus fl. pl.** Large double showy flower with fringed edges. Great variety of colors. Pkt., 10c.

**Chinensis fl. pl.** (China or Indian Pink). Mixed colors. Pkt., 10c.

**Heddewigi fl. pl.** (Japan Pink). Double mixed. Pkt., 10c.

**Imperial fl. pl.** (Double Imperial Pink). Mixed. Pkt., 10c.

**Hardy Garden Pinks.** The varieties are well adapted for beds and borders. Delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted.

**DIDISCUS** (Blue Lace Flower). Very pretty annual, blooms profusely from July to November. Pale lavender blossoms, excellent for cutting. Pkt., 10c.

**DIGITALIS** (Foxglove). Handsome, ornamental, hardy perennial plant; easily grown. Fine for shrubberies. 3 ft. Mixed colors. Pkt., 10c.

**DIMORPHOTHECA Aurantiaca Hybrida** (African Golden Daisy). Beautiful new hybrids of the African Golden Daisy, and similar in habit to the parent. Flowers equally as large, but varying in color from the purest white through the various shades of yellow and orange to rich salmon shades, many being zoned with several of these colors around the black disc. Pkt., 10c.

**DRACAENA** (Dragon Plant). Fine ornamental leaved plant. Mixed colors. Pkt., 10c.

**ECHINOCYSTIS** (Wild Cucumber Vine). Quickest growing vine known, fine for covering trellises, fences, etc. Pkt., 10c.

**ENGLISH DAISY** (Bellis Perennis). A favorite almost hardy perennial. Blooms from early spring until late in summer. Easily raised from seed. 4 inches high. Double mixed, finest quality, pkt., 10c.

**ERYNGIUM** (Sea Holly). Handsome, ornamental hardy plant. 2 to 3 ft. high. Fine for drying for winter bouquets. Pkt., 10c.

**ESCHSCHOLTZIA** (California Poppy). Fine annual for beds, border or masses. Bloom until frost. 1 ft. Single mixed, pkt., 10c. Double mixed, pkt., 10c.

**Golden West.** Bright yellow with orange center. Pkt., 10c.

**EUPHORBIA** (Snow-on-the-Mountain). Strong, tall-growing annual, attractive foliage. Pkt., 10c.

**FORGET-ME-NOT.** See Myosotis. Pkt., 10c.

**FOUR O'CLOCK** (Marvel of Peru). (Mirabilis Jalapa). A well known handsome free-flowering garden favorite. Does well everywhere. Give each plant 12 to 18 inches of room. Fine mixed colors. 2 ft. Pkt., 10c.

**FOXGLOVE.** See Digitalis.

**GAILLARDIA** (Blanket Flower). Annual varieties. Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer until November. Excellent for beds, borders, or for cutting. Should be sown where they are to bloom. 1½ ft.

**Picta Mixed.** Single sorts; fine colors. Pkt., 10c.

**Double Flowering Mixed.** A charming, profuse, double-flowering strain; beautiful mixed colors. Pkt., 10c.

**Grandiflora, Hardy Perennial Varieties.** Pkt., 10c.

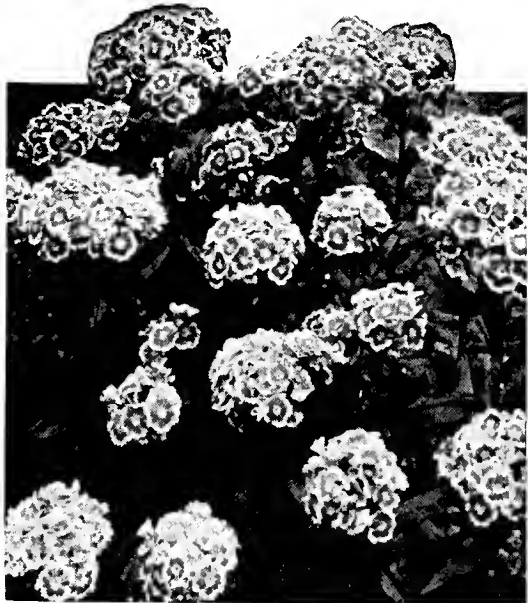


Dimorphotheca—African Golden Daisy.



Perennial Delphinium.

**DOLICHOS** (Hyacinth Bean). Rapid annual climber with large clusters of handsome flowers producing later in place of flowers, pods of a deep purple, very ornamental. Purple, pkt., 10c. Mixed colors, pkt., 10c.



Dianthus—Pinks.

**GERBERA** (Transvaal Daisy). Splendid greenhouse perennials with large fine-leaved Daisy-like flowers; splendid for pot plants or cutting.

**Jamesoni Hybrida**. These hybrids include a wonderful range of brilliant colors and shades. Pkt., 25c.

**GERANIUM** (Pelargonium). Double mixed, fine color. Pkt., 10c.

**GEUM Coccineum, Mrs. Bradshaw**. An attractive perennial, growing 2 ft. tall and bearing double orange-scarlet flowers. Pkt., 10c.

**Lady Stratheden**. Golden yellow. Pkt., 10c.

**GILIA**. Hardy annual. An excellent cut flower. The small round flower heads are produced abundantly on plants 20 inches high. Pkt., 10c.

**GLOBE AMARANTH** (Gomphrena). Known as Bachelor's Buttons; fine bedding plant, flowers can be dried and be used in winter bouquets. 2 ft. Mixed colors. Pkt., 10c.

**GLOXINIA**. A superb greenhouse sort with magnificent richly colored flowers. Use equal mixture of peat, loam and sand. Mixed. Pkt., 25c.

**GODETIA**. An attractive, hardy annual. Profuse, showy flowers of varied colors. 1½ ft. Mixed colors. Pkt., 10c.

**GOURDS, ORNAMENTAL** (Cucurbita). Rapid growing, annual climbers, ornamental foliage. 15 to 20 ft. Mixed colors. Pkt., 10c.

**GRASSES, ORNAMENTAL**. These serve both in mixed flower beds and dried in winter bouquets. For large beds or groups on lawns, nothing gives a finer effect. Largely used in public parks.

**Briza Maxima**. Fine for grass bouquets. Pkt., 10c.

**Erianthus Ravennae** (Hardy Pampas). Beautiful perennial. Pkt., 10c.

**Gynierum Argenteum** (Pampas Grass). Perennial. Blooms the second season. Pkt., 10c.

**Stipa Pennata** (Feather Grass). Perennial. Beautiful white, delicate. Begins to bloom the second season. 2 ft. Pkt., 10c.

**GYPSOPHILA** (Baby's Breath). Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.

**Elegans Alba Grandiflora**. Pkt., 10c.

**Paniculata**. White flower, fine for bouquets. One of the favorite hardy perennials. Blooms first year if sown early. 2 ft. Pkt., 10c.

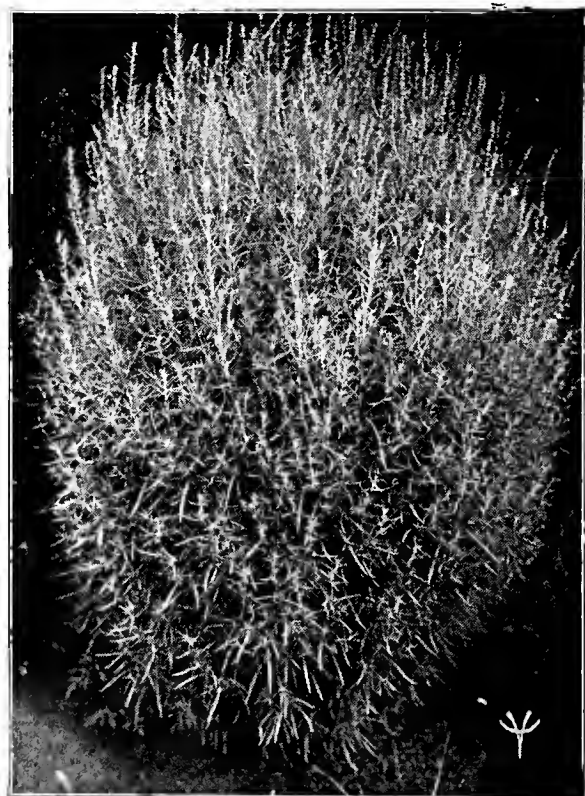
**Double**. Pkt., 10c.

**Light Pink**. Pkt., 10c.

**HELIANTHUS**. See Sunflower. Single and double mixed. Pkt., 10c.

**HELICHRYSUM** (Strawflower).

**Monstrosum fl. pl.** The great demand for this popular Everlasting has induced us to show them in colors this season. Crimson, very rich; Fireball, bright red; Goldenball, golden yellow; Rose Carmine, rich and glossy; Silver Ball, glistening white; Violet, very rich color; Mixed, all colors. Pkt., 10c.



Kochia.



Moonflowers.



Double Hollyhocks.

**HELIOTROPE** (Cherry Pie).

Half-hardy perennial, flowering the whole season, very fragrant. Can also be trained as a greenhouse climber. Mixed colors. Pkt., 10c.

**HEUCHERA** (Coralbells).

**Dwarf Crimson**. Blooming from late May until late autumn. 12 inches tall. Pkt., 10c.

**HIBISCUS** (Marshmallow).

Showy, perennial plant with large beautifully colored flowers. 1½ ft. Mixed colors. Pkt., 10c.

**HOLLYHOCK**. One of the most majestic of hardy plants. For planting among shrubbery or forming a background for other flowers, it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year. Double mixed. Pkt., 10c.

**New Carnation-Flowered Mixed**. A new introduction for 1933 that is attracting much attention. Perfectly double flowers 4 to 5 inches across, without any decided collar. The colors are quite different, mostly in darker shades with markings of contrasting lighter hues. 4 to 5 ft. tall, very strong and upright. Pkt., 35c; ¼ oz., \$1.00; ½ oz., \$1.75.

**Double Varieties**. This seed is from the finest double flowers only and is sure to be satisfactory. Maroon, Rose, Red, Salmon-Rose, White, Yellow. Pkt., 10c.

**Single Varieties**. Mixed. Pkt., 10c.

**HONESTY** (Moonwort; Satin Flower). Hardy biennial, with silvery seed pouches, very attractive. 2 ft. Pkt., 10c.

**HUMULUS** (Japanese Hop). Ornamental, fast-growing climber resembling the common hop. Pkt., 10c.

**HUNNEMANNIA, Fumariaefolia** (Giant Yellow Tulip Poppy or Bush Eschscholtzia). This is by far the best Poppy for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large Buttercup-yellow blossoms, and flower until hard frost. Pkt., 10c.

**IPOMOEA**. Climbers of very rapid growth, beautiful, varied flowers; for covering walls, arbors, stumps, etc.

**Quamoclit Hybrida** (Cardinal Climber). Pkt., 10c.

**Bona Nox** (Evening Glory). Violet, large fragrant flowers, expanding in the evening. Pkt., 10c.

**Rubra Coerulea** (Heavenly Blue). Bright sky blue. Pkt., 10c.

**Noctiflora** (Moonflower). Blooms at night and on dull days, pure white, 5 to 6 in. in diameter, rapid climber. Pkt., 10c.

**IMPERIALIS JAPANESE** (Japanese Morning Glory). Largest and handsomest of all Morning Glories. Pkt., 10c.



Annual Larkspur.

**KENILWORTH IVY.** See *Linaria*.

**KOCHIA, Trichophylla** (Summer Cypress; Belvedere; Burning Bush). An easily grown annual, which, sown thinly in spring, soon forms a cypress-like hedge of lively green and perfect symmetry; by midsummer it attains a height of about 3 feet, turning deep red in autumn. Splendid for dividing and flower gardens. Pkt., 10c.

**KUDZU VINE.** Pkt., 10c.

**LADY SLIPPER.** See *Calceolaria*.

**LANTANA.** One of the most desirable half-hardy perennials, constantly in bloom, verbenalike heads of orange, white, rose and other colors. 2 to 3 ft. Mixed colors. Pkt., 10c.

**LARKSPUR.** Annual. These handsome Larkspurs are very effective in borders and among shrubs. The graceful spikes are much valued for vases. They continue long in bloom. Sow seed either in early spring or late fall so germination may take place very early in the spring.

**Stock-Flowered.** Mixed, all colors. Pkt., 10c.

**Giant Hyacinth-Flowered.** Mixed. 3 ft. Named for the striking resemblance to a double Hyacinth. Delicate colors. Pkt., 10c.

**Exquisite.** Beautiful soft pink; highly prized for cut flower use. Pkt., 10c.

**LATHYRUS** (Everlasting or Hardy Sweet Pea). Free-flowering hardy perennial climber continually in bloom. Mixed colors. Pkt., 10c.

**LAVENDER** (*Lavandula Vera*). Well-known, sweet-scented, hardy perennial. 3 ft. Pkt., 10c.

**LIATRIS** (Blazing Star).

**Pycnostachya.** A showy hardy perennial border plant, with long spikes of violet-purple flowers. 2 feet. Pkt., 10c.

**LINARIA** (Kenilworth Ivy). Charming small, hardy perennial, trailing plant. Pkt., 10c.

**Maroccana Hybrids Mixed** (Toad Flax). A very showy annual. 12 inches. Pkt., 10c.

**Macedonica Speciosa, Perennial.** This is easily grown from seed. It is hardy and can be used where medium height is needed in rock garden work. The flowers resemble large golden Snapdragons, borne on stems averaging 3 feet. Pkt., 10c.

**LINUM or FLAX** (Scarlet Flax). Brilliant crimson flowers, an inch or more across, and a continuous bloomer. Annual, grows 1½ to 2 ft. high, pkt., 10c. Perennial Varieties Mixed, pkt., 10c.

**LUPINUS** (Lupin). Annual. Long, graceful spikes of rich and various colored pea-shaped flowers. Valuable for mixed borders, beds and for cutting. Prefers a little shade. 2 feet. Mixed. All colors. Pkt., 10c.

**Texensis.** The wild Blue Bonnet of Texas, particularly useful in dry situations. Pkt., 10c.

**Polyphyllus Sorts.** Effective hardy perennials, succeeding in any good garden soil. Blooms in May and June. 3 ft. Mixed. All colors. Pkt., 10c. Separate colors: Rose Queen, Deep Blue, Sunshine Yellow, pkt., 10c.

**LOBELIA.** The following choice varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November. *Cardinalis* is one of the finest native hardy perennials.

**Crystal Palace Compacta.** Rich deep blue; dark foliage; the finest dark blue for bedding. Pkt., 10c.

**Gracilis.** Light blue; light green foliage; trailing. Pkt., 10c.

**Cardinalis** (Cardinal Flower). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant. 3 ft. Pkt., 10c.

**LYCHNIS.** Handsome hardy perennial, easy culture, fine for beds and borders. Mixed colors. Pkt., 10c.

**MARIGOLD** (*Tagetes*). From midsummer to fall when many other plants are past their prime, Marigolds afford a wealth of color that is invaluable. The tall African varieties produce large self-colored blossoms on long stems; the French flowers are smaller, but the colors and markings are interesting, some of the varieties being striped and spotted. The Marigold dwarf *Signata Pumila* is one of the best edging plants; also *Gamolepis Tagetes*.

#### AFRICAN MARIGOLDS.

**Pride of the Garden.** The immense flowers of this grand variety are densely double, and of a beautiful golden yellow color. A notable feature is the compact, dwarf habit of the plant, which forms dense bushes fifteen to eighteen inches high and two feet across. Pkt., 10c.

**Orange Ball.** Flowers very large, ten to fourteen inches in circumference, extremely double and quilled like a Dahlia. Plants 3 feet high. Pkt., 10c.

**Lemon Ball.** Large lemon-colored flowers, fine for cutting. Pkt., 10c.

**Guinea Gold** (African). 2 ft. Carnation-like petals and unusually brilliant golden color, make this flower outstanding among Marigolds. It lacks much of the pungent odor of other Marigolds. The plant blooms freely, and practically all of the flowers are double. Pkt., 15c.

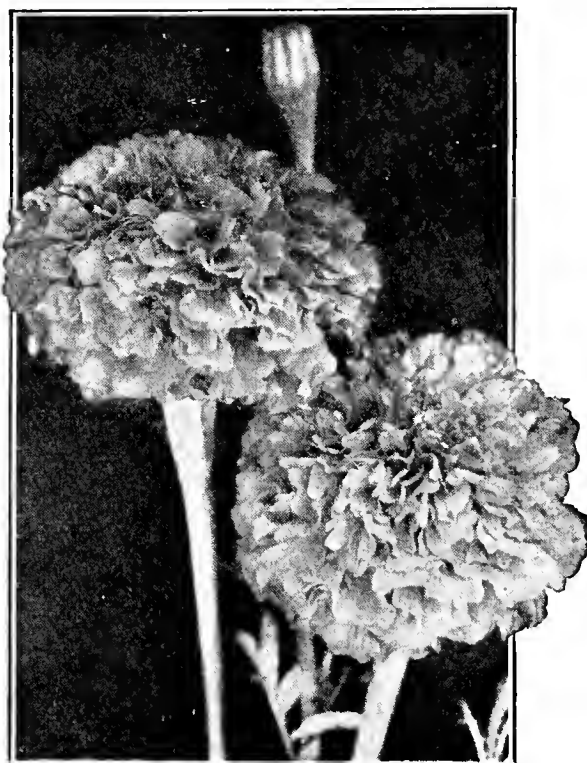
**Mixed Varieties.** Pkt., 10c.

#### FRENCH MARIGOLDS.

**Gold Margin.** Double. Flowers velvety maroon, margined with gold. Plant only eight inches high, bushy, compact, and free-flowering. Pkt., 10c.

**Dwarf Gold Striped.** Double rich brown, striped golden yellow. Pkt., 10c.

**Dwarf Marigold, Little Brownie or Legion of Honor.** A charming single-flowered plant, about six inches high. Very effective in masses or borders. Begins flowering extremely early, commencing in June. Color a brilliant gold, blotched with maroon. Pkt., 10c.



African Marigolds.



**MARIGOLD, Signata Pumila** (Sunshine Marigold). One of the most beautiful plants for fall color; about eighteen inches high, very bushy habit, and each slender branch, pressed close to the main stem, crowned by a delicate golden center, forming a dense globular mass. Charming in a border or alone. Pkt., 10c.

**MARVEL OF PERU or FOUR O'CLOCK.** The flowers of this old-time favorite open about four o'clock in the afternoon and fade the next morning. Two feet high, with bright foliage and fragrant flowers of desirable colors. Set plants two feet apart. Makes a nice hedge if set a foot apart. Seed should be planted in the open ground where plants are desired. The roots may be taken up in the autumn and preserved through the winter for spring planting, in the same manner as Dahlias. Marvel of Peru. Mixed colors. Pkt., 10c.

**MATRICARIA** (Feverfew). Free-flowering, blooms until frost, hardy annual. 18 inches. Double white. Pkt., 10c.

**MATTHIOLA, Bicornis** (Evening Scented Stock). Lilac. Pkt., 10c.

**MIGNONETTE** (Reseda). 6 to 12 inches. No garden is complete without this fragrant plant of unassuming mien. One of the principal uses is for cutting purposes and combining in bouquets with other more pretentious blossoms without its delicate odor.

**Golden Queen.** Yellow. Pkt., 10c.

**Goliath.** Foliage rich green, with bright red flowers. Flower stalks tall and strong, spikes often 7 inches long by 2 inches in diameter. Pkt., 10c.

**Machet.** It is the best Mignonette for all purposes either outside or inside. It is an everbloomer, the flowers lasting until late in the fall. Pkt., 10c.

**Mixed.** Many shades and types. Pkt., 10c.

**MIMOSA** (Sensitive Plant). A curious, interesting annual with pinkish white flowers, leaves low and droop when touched or shaken. Pkt., 10c.

**MIMULUS** (Musk Plant). Very showy, profuse-flowering plant, half-hardy perennial, blooms first year if sown early. 1 ft. Pkt., 15c.

**Tigrinus** (Monkey Flower). Spotted variety. Pkt., 15c.

**Moschatus** (Musk Plant). Fine for hanging baskets; small yellow flowers, fragrant foliage. Pkt., 15c.

**MIRABILIS.** See Marvel of Peru. Pkt., 10c.

**MOMORDICA** (Balsam Pear). Very curious climber, ornamental foliage, fruit golden yellow, opens when ripe, showing the seed and its beautiful carmine interior; fine for rockwork, etc. Annual. 10 ft. Pkt., 10c.

**MORNING GLORY.** See Convolvulus.

**MUSK PLANT.** See Mimulus.

**MYOSOTIS or FORGET-ME-NOT.** Charming, low-growing plants, the bright flowers covering the plants in late spring. Seed sown at any time up to midsummer will produce plants that will bloom the following spring. Prefer moist shady situation. The Alpestris varieties are very free flowering. They are practically biennial.

**Dissitiflora.** Of dwarf, compact habit, with sprays of large, exquisite blue flowers, especially adapted for planting among spring-flowering bulbs. Pkt., 10c.

**Alpestris, Indigo Blue.** New, very fine. A deep indigo-blue. Pkt., 10c.

**Palustris** (True Forget-Me-Not). Blue, with yellow eye. Perennial. Pkt., 15c.

**Mixed Varieties.** Seeds of the above varieties mixed. Pkt., 10c.

**Rose.** Pkt., 10c.



Nigella.



Nasturtiums.

**NASTURTIIUMS** (Tropaeolum). For ease of culture, duration of bloom, brilliancy of color and general all around purposes nothing excels this popular variety. Plant in moderately good soil in a well drained, sunny position; quick growing and bloom profusely until hard frost comes.

**Dwarf Nasturtiums.** Mixed Colors. Pkt., 15c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; lb., \$1.25.

**New Golden Gleam.** This is destined to be a very popular novelty because it comes true from seed. Double Nasturtiums hitherto introduced could not be reproduced from seed, and stocks had to be increased by cuttings. Golden Gleam grows freely from seed. It is delightfully sweet scented and a bouquet of the flowers will soon fill a room with fragrance. It has been awarded numerous prizes during the past year; color rich, deep yellow. Pkt., 15c.

**Tall Nasturtiums.** Pkt., 10c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., \$1.00.

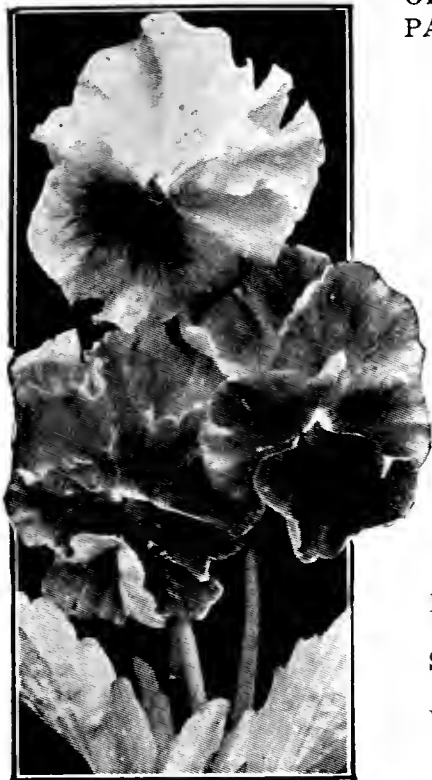
**NEMESIA, Large-Flowering Hybrids.** A very pretty annual, which does best in a cool position; the plants grow about a foot high, and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. Pkt., 10c.

**NICOTIANA, Affinis.** One of the best Nicotianas we have ever grown. The plant attains the height of three feet and is covered with deliciously scented, large, white flowers that open in their full glory in the evening and early morning. Easily grown from seed, and cuttings rooted in September will bloom freely in the winter. Pkt., 10c.

**Sanderae.** The whole plant, from base to summit, is laden with flowers of an intensely glowing rosy carmine color, making it incomparably beautiful and charming. Easily grown. Pkt., 10c.

**NIGELLA, Damascena.** (Love-in-a-Mist, or Devil-in-the-Bush). A compact, free-flowering plant, with finely cut foliage, curious looking flowers and seed-pods; of easy culture, growing in any garden soil. Hardy annuals. Blue and white mixed. 1 ft. Pkt., 10c.

**Miss Jekyll.** A lovely variety with cornflower-blue blossoms. Splendid for cutting. Pkt., 10c.



Pansies.

**ORNAMENTAL GRASSES.** See Grasses.

**PANSIES (Giant Flowering).** The Pansy gives an abundance of bloom until after severe frosts, endures our hard winters with safety, and greets us in the early spring with a profusion of bright blossoms. Pansies are at their best during the cool, moist weather of spring and fall. Seed sown in open ground in May or June will give fine blooms in late summer and autumn, and a good crop of flowers the following season if the plants are pinched back in early spring. Seed sown in midsummer, where it can be shaded and watered will produce plants large enough to winter nicely and come into full bloom in early spring. Young plants give the largest flowers. Old, worn out plants should be replaced by young, vigorous plants.

**Triumph of Giants.** A wonderful mixture of giant-flowered Pansies. Pkt., 10c.

**Extra Large Flowered Exhibition Mixture.** This strain will meet the demand for a real giant flowered fancy pansy. Comprises exquisite shades and colors. Pkt., 25c.

**New Giant Orchid-Flowered Mixture.** Pkt., 10c.

**Masterpiece Mixture.** A special mixture of the Giant Frilled Pansies. A mixture of the finest of a remarkable type of Giant Flowering Pansies, the petals being beautifully waved or frilled. These extremely beautiful flowers come in a wide variety of colors, ranging from white to the deepest maroon or black, creamy yellow to orange, dainty rose to brilliant crimson. Pkt., 15c.

**Mastodon Mixture.** The finest thing obtainable in pansies. Wonderful rich colors. Very large. Pkt., 25c.

**Swiss Giants (New Giant Flowered).** Sturdy growing class with rare, very effective colors. Pkt., 25c.

**Violas or Tufted Pansies.** While the Pansy proper is a spring flower, Violas flower throughout the entire season. Seeds sown in spring produce flowering plants by June which bloom until frost. Splendid mixed colors, fine varieties. Pkt., 10c. **Jersey Gem.** Rich violet. Pkt., 25c. **Apricot.** Pkt., 25c.

**PETUNIA (Single-Flowered Bedding).** Bedding varieties are unsurpassed for massing. They will make a most showy bed, giving a profusion of flowers from early summer until severe frost.

**Blotched and Striped.** Very symmetrically marked. Pkt., 10c.

**Balcony Petunias.** A splendid type for window boxes, hanging baskets and beds. Flowers over three inches across making a fine display all the season. Mixed colors. Pkt., 15c.

**Rosy Morn.** Dainty soft carmine-pink, white throat; fine for border. Pkt., 10c.

**Extra Choice Mixed.** Superb strain. Pkt., 10c.

**Fringed Giant.** Pkt., 20c.

**Giants of California (Dwarf Giants).** Mixed. This is a dwarf sturdy growing type, especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well marked throats. The mixture contains a good assortment of the most desirable colors. Pkt., 25c.

**Double Mixed.** Pkt., 30c.

**PHLOX DRUMMONDI.** Of all summer-flowering annuals this variety is unquestionably one of the most brilliant and satisfactory. Seed may be sown in open ground after danger of frost is past and in a few weeks the beds or borders are all aglow with their brilliant coloring until cut down by the frost. For early flowering they should be started indoors. Snow White, Shell Pink, Deep Rose, Bright Scarlet, Rich Crimson, Primrose, Soft Lilac, Choicest Mixed, Large Flowering. Pkt., 10c.

**Nana Compacta.** Dwarf, extra choice mixed. Pkt., 10c.

**Star Phlox (Star of Quedlinburg).** Dwarf, pretty star-shaped flower. Mixed colors. Pkt., 10c.

**Hardy Perennial Phlox.** All colors, mixed. Pkt., 10c.

**PHYSOSTEGIA, Virginica (False Dragonhead).** One of the prettiest hardy perennials, and gaining in popularity as it becomes better known. It forms dense bushes, 3 to 4 ft. high, bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather. Pkt., 10c.

**PHYSALIS FRANCHETI (Chinese Lantern).** Dense bushes about 2 ft. high, producing freely bright orange-scarlet lantern-like fruits. Perennial. Pkt., 10c.

**PINKS.** See Dianthus.

**PENTSTEMON (Beard-Tongue).** One of the most beautiful attractive herbaceous plants, bearing long graceful spikes of richly colored flowers. If sown early and transplanted in May will bloom from July until frost. Half-hardy perennial. 2 ft. Mixed colors. Pkt., 10c.



Phlox Drummondii.



Annual Scabiosa.

**RICINUS** (Castor Oil Bean). Ornamental plant of stately growth and picturesque flowers, brilliant colored fruit. Fine for lawns or center plants for beds.

**Zanzibariensis**. A distinct class, which surpasses in size and beauty all varieties. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery bronze, changing to dark green, with reddish ribs. The seeds are beautifully marked. Pkt., 10c.

**ROCK PLANTS**. Finest mixed. A mixture composed of all the different varieties appropriate for this purpose. Pkt., 10c.

**SALPIGLOSSIS** (Painted Tongue). One of the greatest favorites among annuals, partly on account of its easy culture, but mostly for its beautiful, almost orchid-like flowers. Mixed sorts. Pkt., 10c.

**SALVIA** (Flowering Sage). A favorite bedding plant, bearing long spikes of flowers in great profusion from July until frost, half-hardy perennial. Blooms the first year from seed sown indoors and transplanted when weather permits.

**Splendens** (Scarlet Sage). Beautiful bright scarlet. Pkt., 10c.

**"Bonfire."** This is one of the finest of the Scarlet Sages, growing in a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark green foliage and completely cover the plant. One of the most effective and gorgeous plants in cultivation. Pkt., 10c.

**Patens** (Blue Sage). Annual. Pkt., 10c.

**Nemorosa Superba**. Perennial Blue. Pkt., 10c.

**SCABIOSA** (Mourning Bride, Sweet Scabious, Pin-Cushion Flower, etc.). They grow about 2½ ft. high, and bloom early in July, and continue until hard frost. Beautiful flowers in exquisite shades on long stems, and when cut keep in perfect condition for the best part of a week. No garden is complete without both the annual and perennial Scabiosas, especially where flowers are wanted for cutting. Mixed colors. Pkt., 10c.

**Hardy Perennial Scabiosas** (Caucasica) (Blue Bonnet). One of the handsomest of hardy perennials, blooms lasting a long time in water, color soft lavender-blue. 3 ft. Pkt., 10c.

**SCARLET RUNNER BEANS**. Great favorite of England and continent of Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet blossoms. Pkt., 5c.

**PLATYCODON** (Balloon Flower or Japanese Bellflower). One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps and are excellent for planting in permanent borders or among shrubbery. Easily raised from seed, which begins blooming in August if sown outdoors in April. Pkt., 10c.

**Blue Mixed**. Pkt., 10c.

**POLEMONIUM** (Jacob's Ladder). Perennial. Mixed. Pkt., 10c.

**POPPIES**. An extremely popular brilliant flowering annual. Poppies should be sown where they are to remain, as they will not stand transplanting.

**Single Annual Poppies**. Pkt., 10c.

**Double Annual Poppies**. Mixed colors. Pkt., 10c.

**Peony Flowered**. Large showy, double mixed colors. Pkt., 10c.

**Flanders Scarlet Single**. Pkt., 10c.

**Shirley**. Mixed single and semi-double. Many colors. Pkt., 10c.

**Oriental Poppy**. Perennial, exceedingly showy; scarlet with black center. Pkt., 10c.

**Iceland Poppy**. Perennial. Mixed. Pkt., 10c.

**PORTULACA** (Sun Plant). Fine hardy annual, of easy culture, thrives best in rather rich, light, sandy loam and sunny situation. Flowers of richest colors, blooming throughout the summer in great profusion. Fine for beds, edging or rockwork. 6 inches. Single mixed, pkt., 10c. Double mixed, pkt., 10c.

**PRIMULA**. Charming beautiful Chinese Fringed Primrose. Fine for winter or spring decorations. One of the most important winter-blooming pot plants. Sow from March to May. Mixed colors. Pkt., 35c.

**PRIMULA**, *Obconica Grandiflora*. Everblooming mixed. Pkt., 25c.

**PRIMULA**, *Polyanthus*. Perennial. Pkt., 10c.

**PYRETHRUM HYBRIDUM** (Painted Daisy). Hardy perennial, bearing large Daisy or Cosmos-like flowers, ranging in color from white to deep red, with bright yellow centers. Blooms in May and June, and again in the fall, and is one of the most graceful and long-lasting cut flowers. Pkt., 10c.

**Hybridum fl. pl.** Seed saved from the finest double flowers. Only a small percentage can be expected to come double the first year. Mixed colors. 2 ft. Pkt., 10c.

**RESEDA**. See Mignonette.

**RHODANTHE** (Swan River Everlasting). A charming annual; does well in a light rich soil and warm sheltered situation. Fine for pot culture; flower everlasting. Mixed colors. Pkt., 10c.

**RUDBECKIA** (Coneflower). Well known hardy perennial; fine for herbaceous border.

**Fulgida**. Orange-yellow. 5 feet. Pkt., 15c.

**Newmanni**. Orange with purple cone. 3 feet. Pkt., 15c.

**Purpurea**. Reddish purple. 4 feet. Pkt., 15c.



Double Annual Poppies.



**SCHIZANTHUS** (Butterfly or Fringe Flower). Splendid annual with a profusion of various colored flowers. Fine for greenhouse decorations and flower garden; of easy culture.

**Dwarf Large-Flowered.** A new variety, forming compact pyramidal plants a foot high, literally covered with large, beautiful, orchid-like flowers in a bewildering range of color. Pkt., 10c.

**Mixed.** A splendid mixture of the regular type, which forms pretty plants 18 inches high with fine foliage and covered with bloom throughout the summer. Pkt., 10c.

**SHASTA DAISIES** (*Chrysanthemum Leucanthemum*). A splendid, hardy perennial variety with flowers rarely less than 5 inches across, of the purest glistening white with broad overlapping petals, and borne on long, strong stems. A beautiful cut flower, remaining in good condition a week or more. Pkt., 10c.

**SMILAX** (*Myrsiphyllum Asparagoides*). In many respects the Smilax is the most useful, and certainly one of the most graceful climbers. For bouquets and floral decorations it is indispensable. A tender perennial. 10 ft. Pkt., 10c.

**SNAPDRAGON.** See *Antirrhinum*.

**SOLANUM** (Jerusalem Cherry). Very useful pot plant for winter decoration, dwarf branching habit, leaves small and oval-shaped, bearing in great profusion bright scarlet globular berries. Pkt., 10c.

**STATICE.** An annual which is very desirable for rock gardens or border plant. Flowers are borne in racemes on long graceful stems and may be cut and dried like everlasting. Sow indoors during March or April and transplant to open ground after danger of frost is past. Height of plants 2 to 2½ ft.

**Sinuata Mixed.** A choice mixture in shades of blue, pink, yellow and white. Pkt., 10c.



Spencer Sweet Peas.



Schizanthus.

**SWEET PEAS.** How to grow Sweet Peas: The soil for Sweet Peas should be rich and deep. A good rich loam, with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms. Considerable benefit has been noted from the use of inoculating culture. Seed may be sown out-of-doors as early in the season as the ground can be worked, usually the middle of March to the middle of April.

**SELECT GRANDIFLORA SWEET PEAS** *Grandiflora* Mixed. ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00.

**SPENCER SWEET PEAS.** The magnificent new Spencer Sweet Peas are rapidly displacing the older kinds. The plants make a vigorous growth and the flowers are extraordinarily large, being, when well grown, from 2 to 2½ inches in diameter. In addition, the petals are beautifully waved or fluted, and in some of the newer Spencers the fluting is very pronounced. Practically the whole range of grandiflora varieties has now been duplicated in the Spencer type.

*"Said the robin to the sparrow,  
'I should really like to know  
Why these anxious human beings  
Rush about and worry so.'  
Said the sparrow to the robin,  
'Friend, I think that it must be,  
That they have no Heavenly Father  
Such as cares for you and me.'"*

**Ambition.** A perfect, distinct pure lavender, shaded darker at the base when young. Pkt. (20 seeds) 25c.

**Appleblossom.** Standard rose, showing veins of deeper rose. Wings light carmine; the whole color overspreads on primrose. Pkt., 10c.

**Asta Ohn.** Charming soft lavender tinted with mauve-pink. Pkt., 10c.

**Austin Frederick.** Improved large pure lavender. Pkt., 10c.

**Barbara.** Bright salmon-orange with dark stems. Pkt., 10c.

**Campfire.** Bright cerise-scarlet. Pkt., 10c.

**Constance Hinton.** Giant white. Pkt., 10c.

**Crimson King.** Rich oxblood crimson. Pkt., 10c.

**Daffodil.** Large, very deep primrose. Pkt., 10c.

**Fiery Cross.** Bright orange-cerise. Pkt., 10c.

**Floradale.** Exquisitely frilled blooms, many duplexed, in sprays of four on long stiff stems. A ravishing shade of salmon-pink, on a cream ground. Pkt. (20 seeds), 25c.

**Florence Nightingale Lavender.** Pkt., 10c.

**Heavenly Blue.** Delphinium blue. Pkt., 10c.

**Hebe.** Giant rosy pink. Pkt., 10c.

**Hercules.** A rich pink flower, waved. Pkt., 10c.

**Hero.** A beautiful cerise. Pkt., 10c.

**Huntsman.** A new shade of scarlet. Pkt., 10c.

**King White.** Produces gigantic flowers absolutely pure white. Pkt., 10c.

**Mary Pickford.** Cream pink suffused with salmon. Pkt., 10c.

**Miss California.** Salmon-pink. Pkt., 10c.

**Mrs. Tom Jones.** Brilliant blue. Pkt., 10c.

**Renown.** Large carmine. Pkt., 10c.

**Royal Purple.** Rich royal blue. Pkt., 10c.

**Splendour.** Rich maroon. Pkt., 10c.

**Sunset (Bolton's).** Bright rose. Pkt., 10c.

**Youth.** White, edged with a delicate soft rose-pink. Pkt., 10c.

**Superb Mixed.** Per ounce, 25c; ¼ lb., 85c; 1 lb., \$2.50.

**STOKESIA, Cyanea (Cornflower Aster).** This is not new but is a rare and beautiful hardy perennial. The plant grows about 24 inches high, each bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. Indispensable for cutting. Pkt., 10c.

**STOCKS, Cut-and-Come-Again 10-Weeks Stocks.** Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing till frost, and are especially valuable during September and October, when other flowers are scarce. They throw out numerous side branches, all bearing very double, fragrant flowers. Finest mixed, all colors. Pkt., 10c.

**SUNFLOWER.** Plants of majestic growth and immense showy flowers, suitable for shrubberies, woodlands, wild gardens and sub-tropical gardening; the dwarf kinds, with smaller flowers, are charming grouped in mixed flower borders. Excellent for cutting.

Double Mixed. Pkt., 10c.

**Russian Mammoth.** Single, of gigantic dimensions. 1 oz., 10c.

**SWEET ROCKET (Hesperis).** Old-fashioned garden plant, also known as Dame's Rocket and Dame's Violet. 2 to 3 ft. high with spikes of showy white, lilac and purple fragrant flowers. Fine for shrubbery and permanent border. Mixed colors. Pkt., 10c.

**SWEET SULTAN.** See Centaurea.

**SWEET WILLIAM (Dianthus Barbatus) (London Tufts).** A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous, young plants from seed every season than to divide the old plants.

Annual, Finest Mixed. Pkt., 10c.

**Pink Beauty.** Deep pink. Pkt., 10c.

Double Mixed. Pkt., 10c.

Single Mixed. Pkt., 10c.



Stokesia.

**SWEET WIVELSFIELD.** A new race of hardy annuals, being a cross between Dianthus Allwoodi and Sweet William. Another new flower you will surely want to try this year. Like Sweet William, but the flowers are larger, and carried in more graceful clusters above the foliage. May be treated either as an annual or a biennial. 12 in. high. June to October. Pkt., 35c.

**TAGETES.** See Marigolds and Calendula.

**THUNBERGIA (Black-Eyed Susan).** Beautiful rapid-growing climber used especially for hanging baskets, low fences, etc. Flowers in buff, white, orange, etc., with dark eyes. Mixed colors. Pkt., 10c.

**TORENIA.** Fine annual. Splendid plant for vases, hanging baskets, borders, etc., blooming the entire season. Blue, white, and yellow. Pkt., 10c.

**TRITOMA (Red Hot Poker).** Perennial. Pkt., 10c.

**TROPAEOLUM.** See Nasturtium.

**VALERIANA (Garden Heliotrope).** Hardy perennial border plants; large fragrant flowers, odor resembling that of the heliotrope; 2 to 3 feet. Mixed Colors.

#### THE NEW VENIDIUM FASTUOSUM

A Wonderful South African Annual  
Now Introduced for American Gardens

Do not fail to grow some of these unique, brilliant orange flowers in your garden this year! Individual blooms are over 3 inches across. There is a startling contrast between the fiery orange outer petals and shining black centers with a radiating purple zone. The foliage is of a soft, grey, woolly character with serrated leaves.

Can be grown either outdoors or under glass. About 2 to 3 ft. high, blooms in July. Indoors, seeds sown in February will bloom in May. Pkt., 35c.

**VERBENAS.** Unrivalled as low growing bedding plants. Long season of bloom. Start seed in the house or under glass early in the spring, and transplant after three or four inches of growth. They flower in July, and continue until after severe frosts.

**Scarlet.** Brightest scarlet. Quite true. Pkt., 10c.

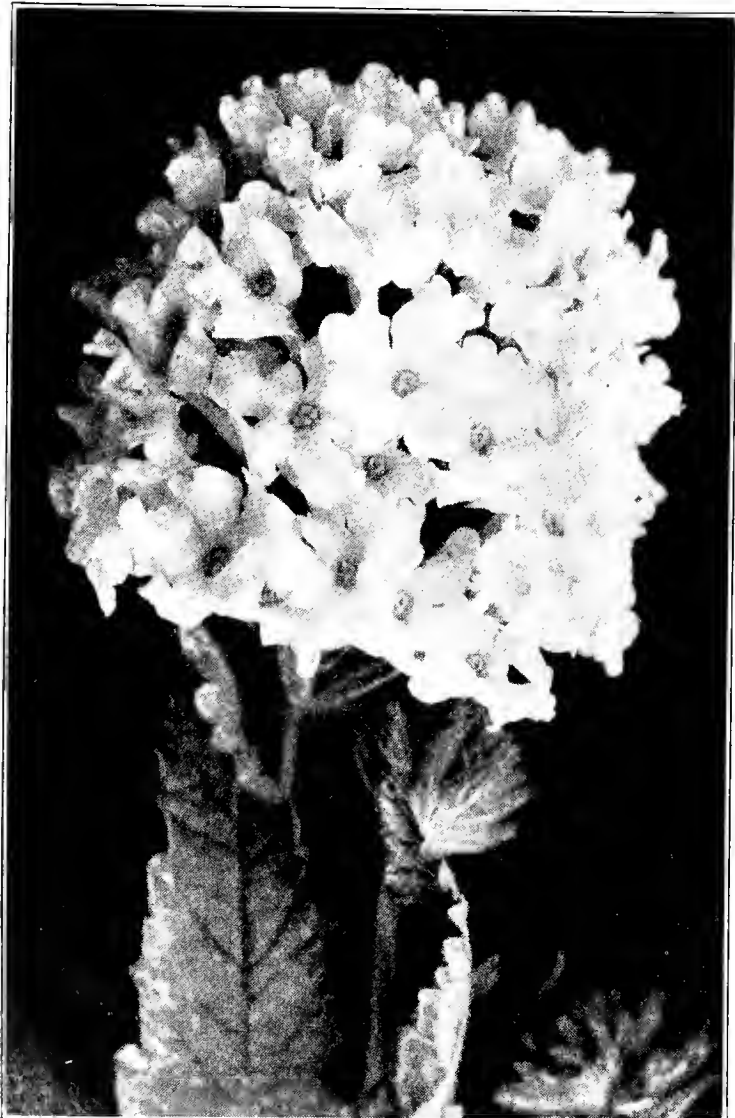
**Pure White.** Quite true from seed. Pkt., 10c.

**Blue.** Shades of blue and purple. Pkt., 10c.

**Pink.** Pkt., 10c.

**Mixed Colors.** Pkt., 10c.

**Lemon Scented.** Pkt., 10c.



Verbena.

"A GARDEN IS A LOVESOME SPOT."

This is a thought by Edgar A. Guest.

**VERONICA, Spicata.** Bright blue flowers. Pkt., 10c.

**VIOLA.** See Pansies.

**VINCA** (Madagascar Periwinkle or Old Maid). Ornamental free-blooming plant, fine for bedding, flower from seed the first season, continuing until frost or they may be potted and kept in bloom through the winter. 2 ft. Mixed, pkt., 10c.

**WALLFLOWER.** Well-known deliciously fragrant half-hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

Single Mixed. All colors. Pkt., 10c.

Double Finest Mixed. Pkt., 10c.

**WILD CUCUMBER.** See Echinocystis. Pkt., 10c.

**WILD GARDEN FLOWER SEEDS.** Under this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting. Pkt., 10c.

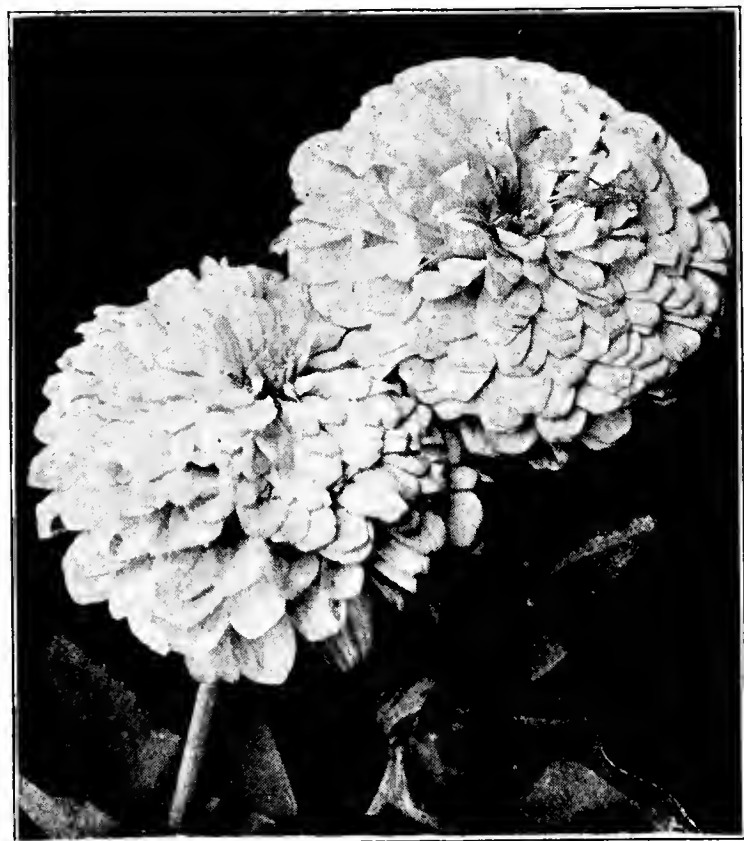
**ZINNIAS** (Youth and Old Age). One of the most brilliant and showy of annuals. An old and continued favorite. The seed can be sown early and transplanted or sown later in open ground. They come into bloom early in summer, and continue until hard frost.

Double Giants. Mixed colors. Pkt., 10c.

**Giant Mammoth.** Enchantress—light rose with deep rose center; Miss Willmott, soft pink; Orange King, orange; Lemon Queen, yellow; Scarlet Gem, scarlet; Rose Queen, deep rose, each, pkt., 10c. Mixed colors, pkt., 10c.

**Dahlia Flowered.** The latest development in Zinnias, bears flowers of mammoth size resembling a decorative Dahlia. Our special strain is grown by the originator of this type. Mixed colors. Pkt., 10c.

Pompon or Button. Mixed. Pkt., 10c.



Mammoth Zinnias.



Wallflower.

#### NEW EARLY WONDER ZINNIAS

Flower-lovers will be delighted with this remarkable strain, our new 1933 introduction. The first of a new race of dwarf, early-flowering varieties. When in full bloom the plants stand from 12 to 15 inches high, and the flowers are similar to the Pumila type. The stems are long and of medium size, ideal for cut flowers. The stems start from the ground with no laterals and very few leaves, which is an unusual feature of Zinnias. When massed in beds they form a solid blanket of color in an unusually attractive effect. Add these first colors of the new strain to your garden this year.

Fiery Salmon-Cerise Pink.

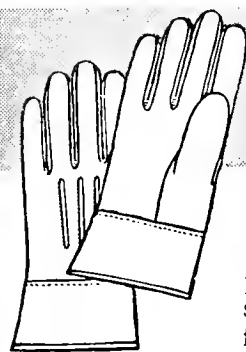
Rose Pink.

Either of the above: Pkt., 25c.

### New! The Garden Treasure Box



Tells you what to plant—when—how—for greatest beauty in your 1933 garden. More than 100 cards crowded with practical information. Month by month gardening calendar. Plenty of room in box for your own personal notes. With every purchase of Vigoro this wonderful Garden Treasure Box, for only 25 cents.



National  
**Eezy Wear**  
Garden Gloves

for Men and Women

Here's a new and increasingly popular type of garden glove—specially designed to give finger freedom and complete protection.

All-Leather — DIRT-PROOF  
SOFT AS KID — Extra Pliable

Made from select imported leather specially processed to render it amazingly soft and pliable—as well as durable. Permit almost barehand freedom with perfect comfort, yet insure complete protection from dirt, scratches, bruises, stains. Keep the hands in perfect condition.

Economical—outwear 6 pairs of ordinary fabric gloves and are useful for other home duties the year round—Housework, Painting, Yard, Furnace, Garage, etc.

**WASHABLE!**

Sizes for women: "Small," "Medium," "Large"—for men: "Medium" and "Large." Price, 75 cents a pair (2 pairs, \$1.40.)





Seeds of Annual and Perennial Rock Gardens

Choice Annuals

While the rockery is usually filled with Hardy Perennial plants, most of which take a year to produce flowering plants from time of sowing the seeds in the spring, there seems to be no good reason why the newly made rockery should not be filled with annuals the first season. These should be sown in April or May, and would produce a full crop of flowers within eight weeks or even less, from time of sowing, keeping the rockery gay until filled with the Hardy perennials.

- Abronia

Adonis

Ageratum

Agrostemma

Alyssum

Antirrhinum

Asperula

Brachycome

Candytuft

Daisy, African

Dianthus

Eschscholtzia
- Lobelia

Marigold,

Dwarf French

Matricaria

Nasturtiums,

Dwarf

Nemesia

Pansies

Phlox, Dwarf Dr.

Portulaca

Salpiglossis

Verbena



Perennial Candytuft in the Rock Garden.

Choice Perennials

There has developed within the last year or two a wonderful demand for Rock Gardens, and even in gardens of comparatively small size, space has been allotted to the Rock Garden. If you can secure the rocks, it is a comparatively easy matter to fill the spaces by sowing the seeds contained in this collection, most of which would give a full crop of flowers next year.

- Alyssum Saxatile

Aquilegia

Arabis

Armeria

Bellis

Candytuft

Campanula

Cheiranthus

Dianthus

Dusty Miller

Geum

Heuchera
- Myosotis

Poppy, Iceland

Primula Vulgaris

Primula Polyan-

thus

Scabiosa Caucas-

ica

Sedum

Violas

Also a Special

Collection of Seeds

Appropriate for

Rock Gardens

Collections of Flower Seeds

12 Annuals for Cutting

A dozen sorts that are of special value for cutting.

- Aster

Bachelor Button

Blue Lace

Flower

Calendula
- Cosmos

Gypsophila

Larkspur

Marigold
- Phlox

Poppy

Scabiosa

Zinnia

A Collection of a Packet  
Each of 12 Sorts for ..... \$1.00

12 Old-Fashioned Hardy Perennials

A dozen kinds of the good old-fashioned sorts of the easiest culture that keep the garden gay over a long period.

- Aquilegia

Coreopsis

Canterbury Bells

Delphinium
- Dianthus

Foxglove

Gaillardia

Hollyhock
- Phlox

Poppy

Pyrethrum

Sweet William

A Collection of a Packet  
Each of 12 Sorts for ..... \$1.00

Plants for Spring Planting

- Cauliflower

Cabbage

Celery

Tomato
- Eggplant

Pepper

English Dalsey

Salvia
- Aster

Verbenas

Snaptdragons

Pansy

Bulbs for Spring Planting

- Cannas

Gladloll

Caladium
- Amaryllis

Madeira Vine

Hardy Lilles
- Dahlia

Tuberoses

See page 17.

Books on Horticultural and Kindred Subjects

- Book of Annuals (Hottes)

Book of Perennials (Hottes)

Birds of the Wild (Pellet)

Book of Water Gardening (Bisset)

Bulbs that Bloom in the Spring (Weston)

Climbing Plants (Hottes)

Dahlia (Rockwell)

Dish Gardening (Beard)

Flower Dictionary (Hottes)

Flower Dictionary (De La Mare)

Dwarf Fruit Trees (Abjornson)

Garden Guide (De La Mare)

Gladiolus (Rockwell)

Landscaping the Small Home (Oliver)

Lawns (Rockwell)

Milady's House Plants (Palmer)

Nursery Manual (Bailey)

Practical Landscape Gardening (Cridland)

Practical Vegetable Culture (Wilkinson)

Rock Gardens (Rockwell)

Rock Garden Primer (Thornton)

Rose Garden Primer (Holmes)

Roses (Rockwell)

Simple Guide to Rock Gardening (Cotter)

Suburban Garden Guide (Barnes)

Shrubs (Rockwell)

Thousand and One Garden Questions Answered (Hottes)

Water Garden and Gold Fish (Sawyer and Perkins)

Wayside Marketing (Arnold)

Women's Flower Garden (Kift)
- .....\$1.50

.....1.50

.....1.75

.....5.00

.....1.50

.....1.50

.....1.00

.....2.50

......50

......25

.....1.50

.....1.00

.....1.00

.....2.00

.....1.00

.....1.25

.....2.50

.....2.50

.....2.00

.....1.00

.....2.00

.....1.75

.....1.00

.....1.00

......75

.....1.00

.....2.00

.....1.50

.....1.50

.....1.25

# Summer Flowering Bulbs

## AMARYLLIS

### Ebeling's Giant American Hybrids

A wonderful strain of new Giant flowered Amaryllis, of free-flowering habit. The large flowers are composed of broad, well rounded, overlapping petals and range in colors varying from crimson to orange-scarlet, light rose to white to the richest self-colorings and combinations of stripes and variegations. 50c each.

## Tuberous-rooted Begonias

This is an interesting section, valuable as pot plants and for garden beds. The flowers vary considerably as to form and size, ranging from 2 to 4 and even 6 inches across. While some of the single ones are perfectly smooth, others are fluted or distinctly fringed. The colors are delightfully vivid and distinct.

When grown outside, should be taken up before cold weather, spread out to dry, and be packed away in boxes of dry sand, and stored through the winter in some cool place, yet not where frost can reach them. Before planting outside in the spring,

Amaryllis.

they should be potted and kept inside until well started. They delight in a partially shaded location in soils composed of leaf mold, sand and well rotted manure.

**SINGLE TUBEROUS-ROOTED BEGONIAS.** Crimson, scarlet, salmon, pink and white. 20c each; \$2.00 per doz.

**DOUBLE TUBEROUS-ROOTED BEGONIAS.** Crimson, scarlet, salmon, pink, white and yellow. 20c each; \$2.00 per doz.

## CALADIUM or ELEPHANT'S EAR

15c each.

## CANNAS

Giant Red. Bronze foliage. 10c each; \$1.00 per doz.

## CINNAMON AND MADEIRA VINE

Hardy climbers. Easily grown. 10 to 15 feet tall. A profusion of small white, fragrant flowers. 7c each; 75c per doz.

## DAHLIAS

In wide range of colors and types. From 10c to 25c each.

## HARDY LILIES

**AURATUM** (Gold Banded Lily). Large, graceful, six-petalled flowers of delicate ivory white thickly studded with brownish spots and a golden stripe running down the center of each petal. One of the most beautiful garden lilies. Very fragrant.

**REGALE** (Regal Lily). The flowers are white, slightly suffused with pink, with a canary yellow throat and extending part way up the trumpet. Delightfully perfumed. Very easy to grow anywhere.

## TUBEROSES

Dwarf Pearl Excelsior. 10c each; \$1.00 per doz.

## "GARDEN AIDES"

Cultural directions especially for home gardens free upon request:

- |                                    |                                   |
|------------------------------------|-----------------------------------|
| 1. Bedding Plants.                 | 9. Hotbed and Frames.             |
| 2. Bulbs in the Garden.            | 10. House Plants.                 |
| 3. Ferns and Palms for the Home.   | 11. Insect Control in the Garden. |
| 4. Fertilizers for the Garden.     | 12. Lawns.                        |
| 5. Care of Window and Porch Boxes. | 13. Hardy Garden Lilies.          |
| 6. Care of Small Fruits.           | 14. Mushrooms.                    |
| 7. The Fruits in the Small Garden. | 15. Hardy Perennials.             |
| 8. The Gladiolus.                  | 16. Rock Gardening.               |
|                                    | 17. Roses.                        |
|                                    | 18. Seed Sown in Garden.          |

See page 14 for books on Horticulture and kindred subjects.



Tuberous-rooted Begonias.

## FALL BULBS

About September first next we issue our Annual Catalog of Choice Dutch Bulbs and Seeds for Fall Planting. It will be sent free to all customers without ordering it, and to others who apply for it.

## GLADIOLI

We carry a choice line of Gladioli in many named varieties at very attractive prices. (See Gladioli listed on inside of back cover).



Lilium Regale—Regal Lily.

## EBELING'S APPROVED VEGETABLE SEEDS



Mary Washington  
Asparagus.

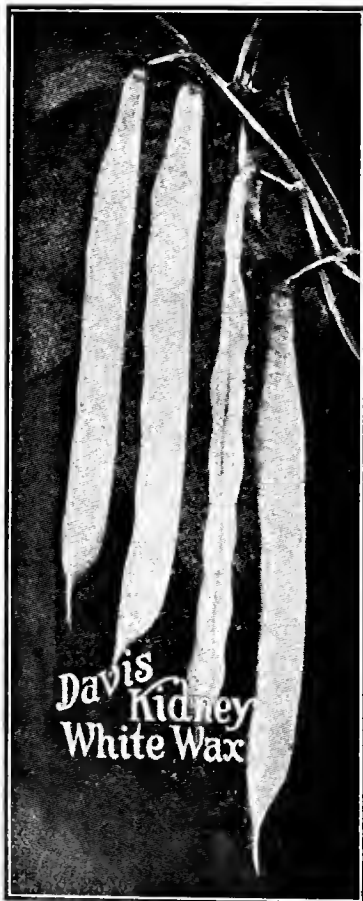
the rows three or three and one-half feet apart, and cover with two inches of mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop.

**PENCIL POD WAX.** Pods long, 5½ to 6 inches, straight, round, fleshy, and of a bright yellow color; tender, absolutely stringless and excellent quality; produced through a long season. One of the best for home use and near markets; color solid black. Lb., 40c; 2 lbs., 75c.

**BRITTLE WAX POD.** 5½ inches, slightly curved, deep yellow, round, meaty pod, stringless. Season 64 days. Lb., 40c; 10 lbs., \$3.50.

**DAVIS WAX.** A very hardy and productive variety, desirable where a wax-podded, white seeded, midseason sort is wanted. Vines very vigorous. Pods are invariably long, six and one-half to seven inches, light yellow; seed kidney-shaped. Lb., 40c; 2 lbs., 75c; 10 lbs., \$3.50.

**IMPROVED BLACK WAX.** This variety takes the place of the old black wax or butter bean and is much better in every respect. Vines medium sized, with small foliage, very vigorous, hardy and productive, maturing about midseason, well up from the ground, fleshy and of a light golden yellow, and remain a long time in condition for use as snaps. Lb., 40c; 2 lbs., 75c; 10 lbs., \$3.50.



Davis  
Kidney  
White Wax

Spargel (Ger.)

**MARY WASHINGTON ASPARAGUS.** This is a selection from the Washington showing a marked improvement in every respect. It is much larger than the ordinary strain and is some earlier. Tips very compact and a rich purplish green. The whole stalk, from base to tip is remarkably tender. Pkt., 10c; oz., 35c; ¼ lb., 75c; lb., \$2.50.

**MARTHA WASHINGTON.** A vigorous growing and very productive variety. The most uniform in type of any of the so-called rust resistant varieties. The shoots are large, of excellent quality, rich deep green color, tinted somewhat with purple at tips. Seed, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**PALMETTO.** Is early, a fine yielder, even and regular in its growth. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

**BARR'S MAMMOTH.** The fine old reliable sort. Pkt., 10c; oz., 15c; lb., \$1.25.

**ROOTS OF ABOVE VARIETIES AT \$2.00 PER 100.** Can furnish in one and two-year roots.

## ASPARAGUS

Sparagio (It.)

## BEANS—DWARF WAX VARIETIES

Bohnen (Ger.)

Faginoli (It.)

**Culture.** Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart and the rows 18 inches apart. For field culture make



Giant Stringless Green Pod.

**ROUND POD KIDNEY WAX.** This mid-season variety is exceedingly handsome and very desirable for the home garden. Vines dwarf, spreading and productive. Pods long and round, waxlike, stringless and of the best quality. Uniformly perfect. Medium-sized, white, with a little dark marking about the eye. Lb., 40c; 2 lbs., 75c; 10 lbs., \$3.00.

**IMPROVED GOLDEN WAX or DETROIT WAX.** Vines a little more upright and hardier than the Golden Wax. The handsome deep yellow pods are about five inches long, broader and flatter than Golden Wax. Seed medium size white with dark brown to black markings. Lb., 40c; 2 lbs., 75c; 10 lbs., \$3.00.

## POLE BEANS—Green Pod

**KENTUCKY WONDER.** This remarkably vigorous growing, green podded pole bean has very long pods, somewhat broad, very fleshy and quite stringless as snaps. The mature pods are often eight to nine inches in length. Its earliness and hardiness commend it as a pole bean. Large green pods are unexcelled in quality by any green podded bean of its class. ½ lb., 20c; lb., 40c; 2 lbs., 75c.

**SCARLET RUNNER.** Brilliant scarlet flowering ornamental pole bean. ¼ lb., 15c; lb., 50c.

**WHITE RUNNER.** Same as Scarlet Runner, only white. ¼ lb., 15c; lb., 50c.

## BEANS—Dwarf Green Podded

**BOUNTIFUL.** For the market gardener this is one of the popular varieties. Pods are medium size, green and flat. An excellent snap bean. Dry beans are yellowish brown color. Lb., 40c; 2 lbs., 75c.

**BLACK VALENTINE.** A very hardy and productive green-podded sort with strong, vigorous vines. The pods are nearly round or slightly flattened but very handsome. A large crop can be depended on and the product is very attractive on the market. It is very extensively used for shipping. The pods are medium dark green and about six inches long. Seed small to medium sized, black, oblong, slightly flattened. Lb., 40c; 2 lbs., 75c.



Dwarf Green Podded Beans—Continued

GIANT STRINGLESS GREEN POD. A very desirable green-podded snap sort for the home garden and largely grown for the market. Vine is vigorous, spreading and productive. Pods are dark green, five to six inches long, crisp and tender. Lb., 40c; 2 lbs., 75c.

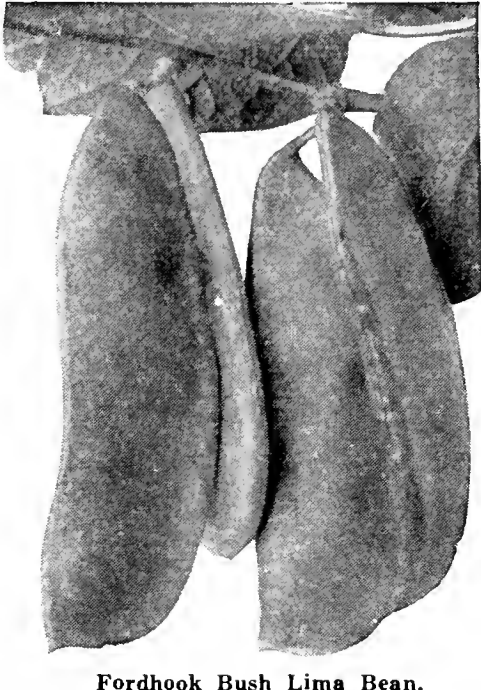
RED VALENTINE EXTRA EARLY ROUND POD. For snaps there is nothing superior to this variety among the dwarf green-podded sorts both for home and market garden and many prefer it to the wax varieties. Vines medium to large, erect, with dark green leaves. Pods medium length, about four and one-half inches, curved, cylindrical, with crease in back, very fleshy, crisp and tender. Lb., 40c; 2 lbs., 75c.

REFUGEE, or 1000 TO 1. Of compact growth and very prolific. The pods are light green, very solid and tender. Lb., 40c; 2 lbs., 65c.

DWARF HORTICULTURAL. Vines very productive, compact, upright, with large leaves. Pods five to five and one-half inches, become fit for use as green shelled beans early and in this condition the beans are very large, easily shelled and are about equal to the Lima in quality. One of the best sorts for green shell beans for home and market. Lb., 40c; 2 lbs., 75c.

Pea, per lb. ....\$0.10    Imperial, per lb. ....\$0.10  
Marrow, per lb. .... .10    White Kidney, per lb. .... .10  
Navy, per lb. .... .10    Red Kidney, per lb. .... .10

Special Prices on Bushel Lots  
All Prices Subject to Change Without Notice  
Plant During the Moon Period for Best Results



BEANS—Dwarf or Bush Lima

DREER'S BUSH LIMA. A dwarf variety of the Dreer's Improved Lima. The beans grow close together in the pods, producing 3 to 4 and sometimes 5 in a pod, and are thick, sweet and succulent. Lb., 40c; 2 lbs., 75c.

BURPEE'S BUSH LIMA. True bush form of large white Lima, bush 15 to 20 inches high, 24 to 30 inches diameter, supported by its own thick stems. For productiveness and quality of beans it is not surpassed. Lb., 40c; 2 lbs., 75c.

FORDHOOK BUSH LIMA. An improved dwarf Lima of the Kumerle type. The plant is vigorous and erect growing, bearing well above the ground. The pods, which are produced in large clusters, are medium green, about four and three-fourths inches long, and contain three to five large beans. Lb., 60c; 2 lbs., \$1.00.

BROAD WINDSOR. An old-fashioned English shell bean. This bean is very hardy; it should be planted as early as the ground will permit, three or four inches deep in rows three feet apart, and plants four feet apart in row. Dry beans very large and yellowish green. Oz., 10c; lb., 50c.



Crosby's Egyptian Beet.

BEANS—Pole Lima

SCARLET RUNNER, POLE. Largely grown as an ornamental, for its attractive flower clusters. The shelled beans are quite palatable and serve the same as Limas. Pkt., 10c; ¼ lb., 15c; lb., 40c.

KING OF THE GARDEN LIMA. Vines very vigorous and productive. Pods five to six inches long, filled with four or five immense white beans of the finest quality. On account of its large pods it is a favorite with market gardeners. It will come into bearing sooner and will make larger pods if not more than two vines are left to grow on a pole. Lb., 40c; 2 lbs., 75c.

EARLY JERSEY LIMA. Matures a few days earlier than the King of the Garden, and is very productive. The pods contain from three to four large beans, and the quality is good. Lb., 40c; 2 lbs., 75c.

BEETS with a Rich Flavor

Try Them and Taste the Difference.

Rube (Ger.)                      Barbabietola (It.)

Best results are obtained on a deep, rich, sand loam. If wanted very early, sow such sorts as Crosby's Egyptian or Detroit Dark Red in hotbeds and transplant, cutting off the outer leaves. For general crop sow in freshly prepared soil as soon as the ground will permit, in rows eighteen inches apart, covering about an inch deep and pressing the soil firmly over the seed. For winter use the turnip varieties may be sown in June so as to mature late in the season.

EXTRA EARLY EGYPTIAN BLOOD TURNIP. The best variety for forcing and excellent for first early crop out-of-doors, being very early with small tops. Root very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom, and about two inches in diameter when mature. Flesh dark purplish red, zoned lighter shade. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.25. (Same as Albani Beet).

ALBANI. Turnip shaped. Bright scarlet color, very early open ground variety, a good buncher. (Same as Early Egyptian Blood Turnip). Oz., 15c; ¼ lb., 30c; lb., \$1.00.

EARLY ECLIPSE. An early beet especially desirable for the home garden. Tops small. Root bright deep red, smooth, round. Flesh bright red, zoned with pinkish white; very sweet, crisp and tender. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.25.

CROSBY'S EGYPTIAN, SPECIAL. This special selection is valuable both for the private gardener and the amateur, on account of its reliability to produce a uniform crop of best quality. In the production of this seed, selection is not only made for shape, but also for extreme earliness and high quality. The skin is very smooth, bright red and flesh vermilion, very sweet and tender. Oz., 15c; ¼ lb., 35c; lb., \$1.25.

Special Cash Discount to Market Gardeners.

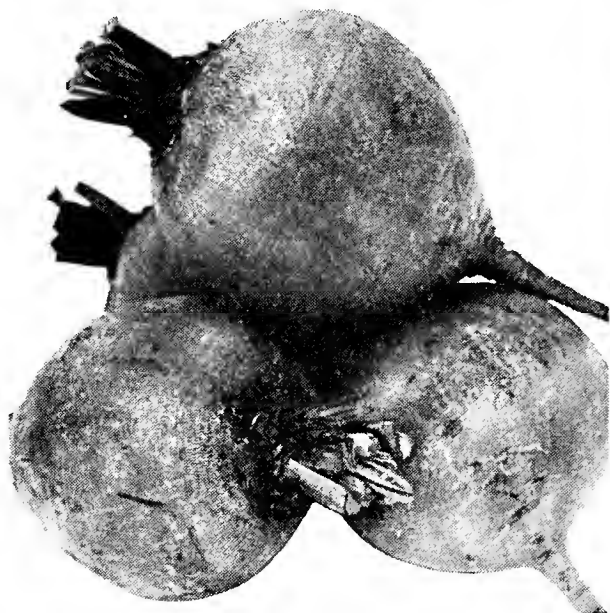
## BEETS—Continued

**DETROIT DARK RED.** We believe this is the best beet for the market and home garden, and on account of its uniformly deep rich color the most desirable for canning. Tops small, upright in growth. Very smooth and of dark blood red color. Flesh is deep vermilion-red, zoned with a lighter shade of the same color. Careful comparisons with all the prominent varieties on the market in this country and in Europe prove that the Detroit Dark Red Beet is the most uniform in shape and size and the most attractive in color. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**EARLY WONDER.** A deep blood red beet, nearly globular, with small, clean tap-root and small sized top. One of the earliest and most uniform bunching beets on the market. A field of Early Wonder Beets will mature so evenly that the crop may be harvested at one time. Pkt., 10c; oz., 15c; lb., \$1.25.

**CRIMSON GLOBE.** A perfect beet in all respects; brilliant crimson in color, globe-shaped, with a very smooth skin, and an exceedingly small tap root, fine-grained, sweet in flavor, and tender at all times. The foliage is small, admitting of close planting. Not only a market gardener's sort, but one of the best for the kitchen garden, as it is extra early. Pkt., 10c; oz., 15c; lb., \$1.00.

**SWISS CHARD.** Sea Kale Beets. Grown exclusively for the numerous fleshy, tender leaves and leaf stalks, which are superior to those of other beets for use as greens. The wax-like leaf stems are cooked like asparagus or are pickled. Sometimes called Leaf Beet, Spinach Beet, and Silver Beet. Pkt., 10c; oz., 15c; lb., \$1.25.



Detroit Dark Red Beets.

## STOCK and SUGAR BEETS—Mangel Ruben

**GOLDEN TANKARD.** A smooth, yellow fleshed Mangel. Oz., 10c; ¼ lb., 20c; lb., 65c.

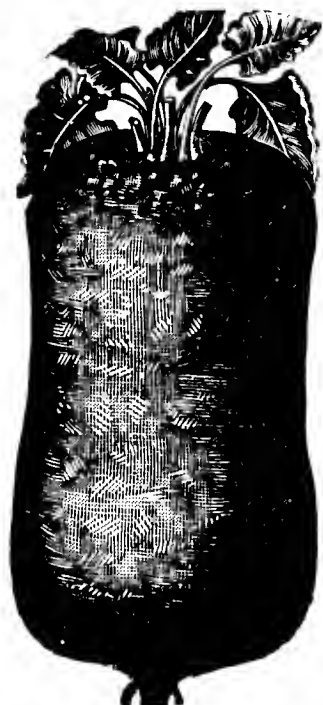
**MAMMOTH LONG RED.** Heavy cropper and large yielder. The roots grow from one-half to two-thirds above the surface. Oz., 10c; lb., 65c.

**DANISH SLUDSTRUP MANGEL.** Long, reddish yellow root. Grows more above ground, is very easily harvested, and requires but little exertion to pull same. Frequently weigh from 15 to 20 lbs. Oz., 10c; lb., 65c.

**IDEAL SUGAR MANGEL BEET.** The illustration faithfully shows the shape of this wonderful Mangel. It is a perfect chunk of a beet, being as large at the bottom as at the top. Stands two-thirds above ground. Is easily harvested even on hard soils. This new and original Mangel has been tested alongside thirty other Mangels and by strict laboratory tests on trial grounds and field demonstrations, has proved to be ideal and superior in quality. Lb., \$1.25; 10 lbs., \$11.00.

- |   |                                     |
|---|-------------------------------------|
| A.—Contains the greatest amount of sugar of any mangel. | E.—Very easy to harvest.            |
| B.—Grows high above the ground.                         | F.—Best keeper.                     |
| C.—Skin and flesh light yellow.                         | G.—Splendid ensilage.               |
| D.—Greatest yield of saccharine dry matter.             | H.—Has yielded 25 tons to the acre. |

The value of this Mangel for stock feeding cannot be over-estimated. No one who keeps horses, sheep or cattle should be without these roots for winter feeding.



Ideal Sugar Mangel Beet.

Dear Mr. Ebeling:

I have been growing Ideal Sugar Mangel Beets for five years, and think there is nothing like them for keeping your milk cows and young stock and poultry in a good healthy condition. I have a bull two and one-half years old, weighs over eighteen hundred pounds now, and this bull has had no grain, nothing but beets, hay and ensilage.

This year I had 1¾ acres and harvested one thousand, six hundred and seventy-eight (1678) measured bushels or over fifty tons of Ideal Sugar Mangel Beets. Dairymen should raise more Ideal Mangel Beets, so easy to raise, keep well and long. I have fed them as late as August 10. The biggest advantage is that they are very easy to harvest and some weigh 15 lbs. or more.

Very truly yours,

EARL ROBERTS.

Sauquoit, N. Y.

Dec. 9, 1932.

(Note this testimonial from an old customer of many years).

## BROCCOLI

Spargelkohl (Ger.)

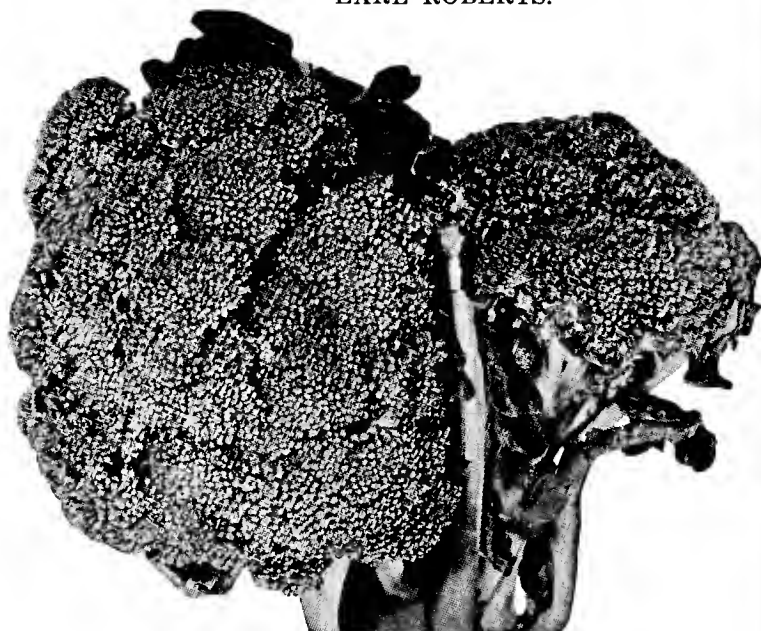
Broccoli (It.)

**ITALIAN GREEN SPROUTING.** Recently introduced from Europe and very popular here. It is quite distinct from the white heading Broccoli. The plants are rapid growing and produce a large head at center of plant in about ninety days from date of planting. The head is a compact cluster of tightly closed buds and resembles cauliflower only in shape, as the color is dull bluish green. It is used without blanching and ready for use as soon as fully developed. After this central head is removed the plant produces many branches, each bearing smaller terminal and lateral heads which are fully as desirable as the first head produced. If these heads are gathered as soon as they become large enough for use, the plant will continue to produce for a period of eight to ten weeks. Quality fully equal to cauliflower and by some considered superior. The secondary heads are four to six inches in length and these stems are fully as desirable as the heads. Served same as asparagus. Pkt., 10c; oz., 50c; ¼ lb., \$2.00.

**PURPLE CAPE.** Pkt., 10c; ½ oz., 30c; oz., 60c.

**EARLY LARGE WHITE FRENCH.** Hardy, vigorous and easily grown. Heads white. Pkt., 10c; oz., 60c.

Dairymen's League Certificate of Indebtedness accepted as cash in the purchase of seed.



Italian Broccoli.

## BRUSSELS SPROUTS

Rosenkohl (Ger.)

Cavoli di Bruxelles (It.)

This vegetable is used in the fall and early winter and by some considered more tender and delicious than any cabbage. Resembles the cabbage, the edible part being the numerous very small heads or sprouts an inch or two in diameter.

**IMPROVED HALF DWARF.** The most useful variety, one and one-half to three feet high. Pkt., 10c; oz., 30c.

## CABBAGES—of all Types

Kopf-Kohl

**EARLY JERSEY WAKEFIELD.** The best early cabbage in cultivation. Forms fine solid heads of good size, pointed heads with few outer leaves. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**SUCCESSION.** We consider it one of our most valuable contributions to horticulture. It would be classed as a second early variety, coming in a few days later than Early Summer, but double the size. Pkt., 10c; oz., 25c; lb., \$3.00.

**MAMMOTH RED ROCK.** Large, round, solid heads, slightly flattened. Plants large, with numerous spreading leaves. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$3.00.

**AMERICAN DRUMHEAD SAVOY.** The best of the late Savoys for house use or for the market. The plant is robust with short stem. Is very much curled or wrinkled. A sure header of large size and the best of the Green Globe Drumhead Savoy. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$3.00.

**GOLDEN ACRE.** It resembles the "Copenhagen Market," head perfectly round, and leaves saucer-shaped. It matures ten days earlier than Copenhagen Market. The Golden Acre begins to form head as soon as the leaves have reached the size of a saucer and the growth may be observed almost from day to day. It matures in eighty days from date of sowing, and no other cabbage, including the earliest Jersey Wakefield, has proven as early. We believe it to be the earliest cabbage in existence. Average weight is 5 lbs. Occupies only 20-inch space. Pkt., 10c; oz., 40c; ¼ lb., \$1.00.

**COPENHAGEN MARKET.** This new Danish cabbage is the largest and earliest ball-shaped variety known. Heads very solid, of wonderful quality, with small cores and weighing from 10 to 15 pounds. Pkt., 10c; oz., 35c; ¼ lb., 85c; lb., \$3.00.



Early Copenhagen Market Cabbage.

**GLORY OF ENKHUIZEN.** A very large early cabbage, heads nearly round, very solid, and which has proved to be one of the most profitable of the early market cabbages. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$3.00.

**DANISH BALLHEAD.** Short-stemmed. We consider this the best strain of Danish cabbage. The heads are large, almost perfectly round, very hard, solid and of good deep green color. This strain of seed produces larger heads and consequently heavier yields than the old style Danish cabbage. A number of large fields in this locality have yielded as high as 22 tons per acre. There is no finer strain than this. Pkt., 10c; oz., 35c; ¼ lb., 85c; lb., \$3.00.

**FLAT DUTCH.** A fine, very large, late winter variety. Very popular on account of size, quality and yield. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$2.50.

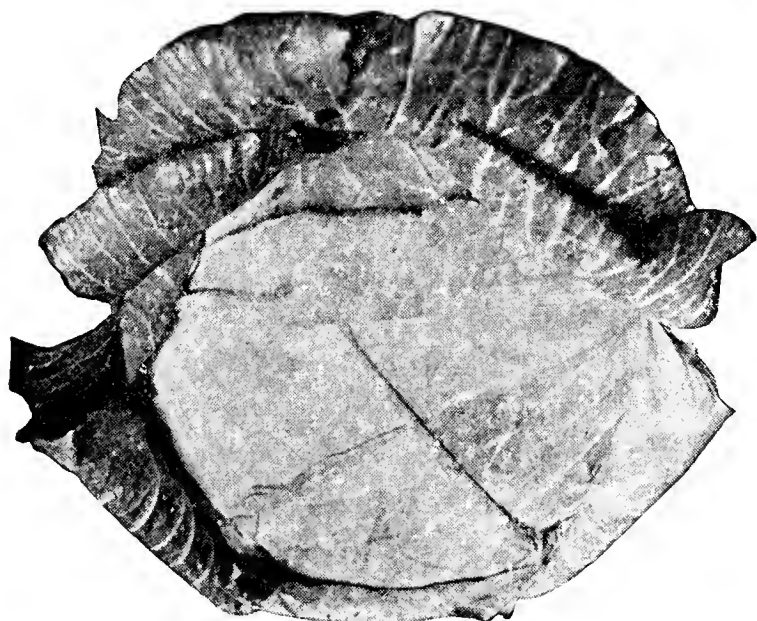
**LATE DRUMHEAD.** One of the old-fashioned big growing sorts. So well known that a description is unnecessary. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**PE-TSAI.** This fine vegetable resembles Cos Lettuce. The head is large and compact, and all but the outer leaves blanch a creamy white. Very crisp and tender, and in every way adapted for the home garden. Pkt., 10c; ½ oz., 25c; oz., 30c; ¼ lb., 85c.

Special Cash Discount to  
Market Gardeners

### Remedy for Cabbage Worms

One quart salt, mix with one tablespoon Cayenne Pepper. Sprinkle moderately into heart of cabbage. Apply once a week for several weeks. Will keep worms off and produce perfect heads. Formula given by Mr. John Huller, 507 Erikson Avenue, Eastwood, N. Y.



Flat Dutch Cabbage.



Pe-Tsai.



**TABLE QUALITY CARROTS**

Carotten (Ger.)

Carota (It.)

Carrots to grow to perfection require a deeply cultivated, rich and well pulverized soil. Sow early in the spring as soon as the soil is fit to work, in drills 15 to 18 inches apart, covering one inch deep, and press the soil firmly over the seed. If desired to cultivate with horse, make rows three feet apart.

**EARLY FRENCH FORCING.** The earliest variety in cultivation and the best suited for forcing. Tops small, finely divided. The reddish orange colored roots are nearly round. When fully matured they are about 2 inches in diameter, but should be used before they are full grown and while young and tender. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 60c; lb., \$1.75.

**EARLY SHORT HORN.** Excellent for early planting out-of-doors. Tops small, coarsely divided. Roots top-shaped, but tapering abruptly to a small tap. Skin orange-red. Oz., 15c;  $\frac{1}{4}$  lb., 70c; lb., \$1.75.

**GUERANDE or OX HEART.** Tops small for the size of the roots which are comparatively short but often reach a diameter of five inches, terminating abruptly in a small tap root. Flesh bright orange, fine grained and sweet. This variety is especially desirable for soil so hard and stiff that longer rooted sorts would not thrive in it. When young, excellent for table use, and when mature equally good for stock. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**DANVERS.** Grown largely on account of its great productiveness and adaptability to all classes of soil. Tops of medium size, coarsely divided. The smooth and handsome roots are deep orange, of medium length, tapering uniformly to a blunt point; flesh sweet, crisp, tender and of a deep orange color. Although the roots of this variety are short, they produce as large a bulk as the longer field sorts and are more easily harvested. Oz., 15c;  $\frac{1}{4}$  lb., 60c; lb., \$1.75.

**CHANTENAY.** (Coreless). Tops medium-sized; necks small; roots tapering slightly but uniformly stump-rooted and smooth. Color deep orange-red; flesh very crisp and tender. Although this is a medium early sort, it furnishes roots of usable size as early as any, is a heavy cropper and is undoubtedly one of the best for both the market and private garden, while its great productiveness makes it very desirable as a field sort. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 60c; lb., \$1.75.



Chantenay Carrot.

**LONG ORANGE.** The most popular for farm use on mellow soil. An improvement attained by years of careful selection of the best formed and deepest colored roots. Oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

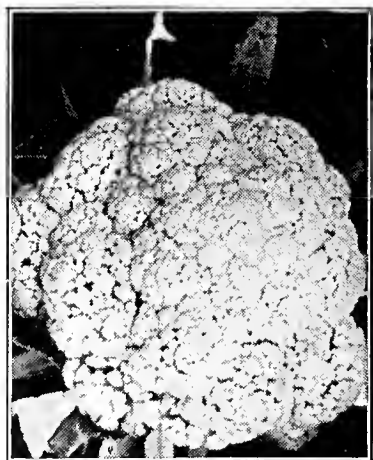
**WHITE BELGIAN.** Grows one-third out of the ground. Root white, green above ground, with small top. Flesh rather coarse. The roots are large and it is extensively grown for stock feeding. Oz., 10c; lb., \$1.00.

**CAULIFLOWER**

Blumenkohl (Ger.)

Cavolfiore (It.)

**EARLY SNOWBALL.** The most popular and profitable of the Cauliflower family. Heads of uniform size, snowy white, very tender, and owing to its attractive appearance a most desirable market variety. Seed grown in Denmark. Pkt., 25c; oz., \$1.75;  $\frac{1}{4}$  lb., \$6.00.



Danish Giant Cauliflower.

**DANISH GIANT or DRY-WEATHER.** This strain of Snowball Cauliflower is especially valuable for high ground, as it is more vigorous than the Early Snowball, and stands dry weather better. The heads are a little larger than Snowball and mature a week or two later and have more leaves to protect them from sun and frost. Pkt., 25c; oz., \$2.00;  $\frac{1}{4}$  lb., \$6.00.

**SUPER SNOWBALL.** This Cauliflower makes a pure white, large, solid, round head and it matures a few days later than Early Snowball. Heads and outer leaves are somewhat larger than Early Snowball and leaves cover the heads almost fully. It is a new and outstanding type either for early or summer crop and it stands heat very well. Oz., \$2.00.

**CELERY**

Sellerie (Ger.)

Sedano (It.)

**Culture.** Celery seed is slow to germinate, and ample time must be given. Sow thinly; cover lightly. Keep constantly moist. Count on about 7,500 plants per ounce of seed, or  $\frac{1}{4}$  pound per acre. When the seedling plants are three inches high they should be clipped at the top, to favor stocky growth, or else transplanted. Celery is mostly grown under flat culture, without trenches, in rows 4 feet apart, 6 inches apart in row.

**COLUMBIA.** An exceptionally fine, early variety, is of medium height, but very stocky. Stalks are thick, almost round, are of a rich, yellow color, and its fine flavor and crispness will please the most critical. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25.

**GOLDEN SELF-BLANCHING.** This is the very best celery for early use. It is in condition as early in the fall as any, and we have yet to find an extra early sort equal in quality and appearance to our stock of Golden Yellow Self-Blanching. Critical gardeners and consumers generally depend upon this variety to produce their best early celery. Plants of medium size, compact and stocky—with yellowish green foliage. As they mature the inner stems and leaves turn a beautiful golden yellow, so that blanching is effected at a small expense of time and labor. Oz., 65c;  $\frac{1}{4}$  lb., \$2.00; lb., \$7.50.

**SUTTON'S PINK PLUME.** The finest of all celery for family use. Pkt., 10c; oz., 50c.

**SUTTON'S SOLID WHITE.** The finest eating celery known. Crisp, tender, sweet; once used, creates lasting friends. Pkt., 15c; oz., 75c.

**CELERY—Continued**

**GOLDEN PLUME CELERY.** A large early Celery of superfine quality and appearance. Large heavy stalks with a full, solid heart of golden yellow, easy to blanch, a good keeper, and always of the crisp, brittle and nutty quality so much desired. Shows a marked resistance to blight, so often affecting the early yellow strains. Pkt., 10c;  $\frac{1}{2}$  oz., 40c; oz., 75c.

**WONDERFUL.** Authorities pronounce this the best golden self-blanching celery. Matures two to three weeks before any other and blanches in half the time required by others. Large, crisp, tender. No strings. Broad stalk, does not grow hollow, and all of it, including the foliage, is good eating. Marked resistance to blight and rust, earlier maturity, superior keeping qualities. It possesses a fine, nutlike flavor, and is handsome in appearance. We offer the raiser's original strain. Pkt., 25c; oz., 65c;  $\frac{1}{4}$  lb., \$2.00.

**WHITE PLUME.** A handsome very early sort. In great demand as a market celery, owing to its very attractive appearance. Requires a short time only for blanching. Leaves light green with tips almost white. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.50; lb., \$3.00.

**EASY BLANCHING.** A new variety of great merit. The habit is dwarf and compact, with light green foliage which has almost a yellowish hue. It is very easily blanched and might be termed a second-early variety, as it is ready for use to follow Golden Self-Blanching. Stalks pure white, heavy and crisp. Pkt., 10c; oz., 65c;  $\frac{1}{4}$  lb., \$2.00.

**WINTER QUEEN.** This is without question the most valuable variety of celery for winter and spring use, even excelling the celebrated **Perfection Heartwell** as a winter keeper. It is thicker and heavier with double the heart of any celery. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00.



Golden Yellow Self-Blanching Celery.

**Celeriac**

or German Celery

**LARGE SMOOTH PRAGUE.** The best of all with a large smooth root of splendid quality. Pkt., 10c; oz., 35c.

**Chervil, Curled**

Gartenkerbel

Treat like parsley. A valuable flavoring herb. Pkt., 10c; oz., 30c; lb., \$2.00.

**Chicory or French Endive**

Cichorien-Wurzel (Ger.)

Cicoria Selvatica (It.)

**WITLOOF.** Sown in May and June in drills. Transplant or thin to 6 inches; treat as endive, and bank up like celery. The stalks, when blanched, make a delicious salad. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 75c.

**ASPARAGUS CHICORY, Italian Strain.** Very popular with the Italian gardeners. Oz., 30c; lb., \$3.00.

**Collards**

Blaeterkohl (Ger.)

**Culture.** Same as late cabbage. May be grown directly in the seed rows, or transplanted 2 feet apart. Best after being touched by frost, which greatly improves flavor and tenderness.

**CREOLE or SOUTHERN.** Grows 2 to 3 ft. high, and forms bunches of tender delicate leaves slightly curled at edges. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**SWEET CORN—Is the Supreme Garden Crop**

A rich, warm soil is best for sweet corn. If planted in hills, make the hills three feet apart each way, six kernels to the hill. Hoe frequently, and when six inches high leave three or four plants in the hill.

**MAMMOTH WHITE CORY.** We consider this the best extra early corn. Ears very large for so early a variety. Stalks about 4 feet high, each generally bearing two large, finely shaped ears, twelve-rowed, 6 to 7 inches long. 1 lb., 30c; 2 lbs., 60c; 100 lbs., \$20.00.

**GOLDEN SUNSHINE or IMPROVED GOLDEN BANTAM.** Golden Sunshine is one week earlier than the Early Golden Bantam Sweet Corn. This is the Yaeger South Dakota strain. Very fine. Unusually sweet and early 12 row. It's the market gardener's best crop for profit. Lb., 35c; 100 lbs., \$21.00.

**GOLDEN BANTAM CORN (Rogers Strain).** Ready for table use 65 to 70 days from planting. Stalk about 5 feet high. Fifty per cent of stalks will usually have 2 ears. Ears are longer than Golden Bantam. 12 to 16 rows but usually 14. Color a beautiful yellow, and a favorite among market gardeners. Lb., 35c; 100 lbs., \$20.00.

**WHIPPLE'S EARLY YELLOW GOLDEN BANTAM.** This is a wonderful early yellow corn, either for home or market use. The ears are very large, 8 to 9 inches long, have 12 to 14 rows of deep kernels. It is ready for use 3 or 4 days later than Golden Bantam and the ears are almost as large as Evergreen. The quality is excellent. Lb., 35c; 10 lbs., \$2.20; 100 lbs., \$20.00.



White Plume Celery.



Golden Sunshine Sweet Corn.

SWEET CORN—Continued

**GOLDEN GIANT.** This is the largest of the yellow sugar varieties, the ears measuring up to 8 inches long. The cob is of small diameter, and contains 12 to 18 rows, extremely juicy and sweet. Lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50; 100 lbs., \$20.00.

**BLACK MEXICAN.** This corn, when in condition for the table, cooks a bluish black. It is surpassed by none in tenderness and is a most desirable second early sort. Ears about 8 inches long, usually 8-rowed. 1 lb., 30c; 10 lbs., \$3.00.

**GOLDEN EVERGREEN SWEET CORN.** New variety, extra fine, very sweet and tender, and keeps in eating condition longer than most sweet corns. Ten days to two weeks earlier than Stowell's Evergreen. A cross with Stowell's Evergreen and Sweet Orange, which is a second early, yellow, very tender and extra sweet variety. 1 lb., 35c; 2 lbs., 65c; 10 lbs., \$3.00.

**GOLDEN HUMMER.** This is very large, and six days earlier than Golden Sunshine. Grows well up from the ground. Ears twelve rowed. About an inch longer than Golden Sunshine. A profitable market variety. Lb., 40c; 10 lbs., \$3.50.

**EARLY EVERGREEN.** We have tested many samples of Evergreen corn that were claimed to be earlier than Stowell's Evergreen and to be just as good, but we have never found any of them so valuable as the stock of this variety we offer. It has been proven both on our trial grounds and in the field to come into fit condition for use much earlier than Stowell's Evergreen and to remain in condition quite as long. Ears about 7 inches long, with 14 to 20 more or less irregular rows with very deep grain which is of the very best quality. Plants average from 6½ to 7 ft. high and in ear resemble those of Stowell's Evergreen, but differ in earliness and we think are more uniform. A standard main crop variety for home garden and market; also well adapted for canning. 1 lb., 35c; 2 lbs., 60c; 10 lbs., \$3.00.

**STOWELL'S EVERGREEN.** 1 lb., 30c; 2 lbs., 60c; 10 lbs., \$3.00; 100 lbs., \$23.00.

**COUNTRY GENTLEMAN.** There is no sweet corn that compares with the Country Gentleman for sweetness. It is the variety par excellence where quality is desired. Market gardeners who make a specialty of growing for hotels and high class restaurant trade use this as a main crop in preference to any other. For home use it will be found superior and it is very productive. The fact that it is a favorite variety with canners proves its merit. 1 lb., 35c; 2 lbs., 60c; 10 lbs., \$3.00.

POP CORN

	Pkt.	½ lb.	1 lb.
Queen's Golden .....	\$0.10	\$0.15	\$0.25
Little Buster or Japanese Hulless .....	.10	.15	.25
Black .....	.10	.15	.25
White Rice .....	.10	.15	.25
T.N.T. or Dynamite .....	.10	.15	.25

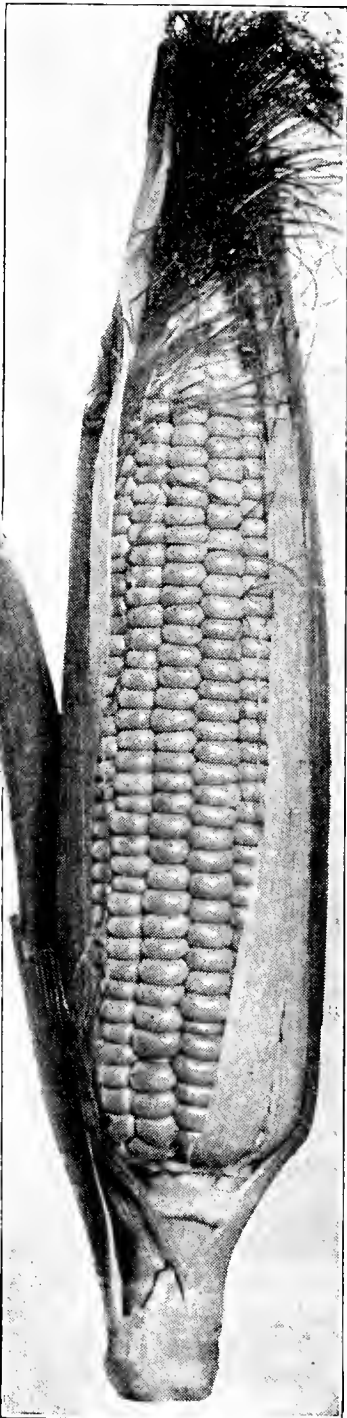
CORN SALAD

**Feldsalat (Ger.)**  
Large round-leaved or small seeded. Oz., 15c; lb., \$1.25.

**Valeriana (It.)**  
**CRESS or PEPPER GRASS**  
Kresse (Ger.) Agretto (It.)  
**CRESS.** Fine for salads. Garden curled. Oz., 15c; lb., 85c.  
**WATER CRESS, Dwarf.** Fine curled, grows in shallow water. Pkt., 10c; oz., 45c; ¼ lb., \$1.25.



Early Fortune Cucumber.



Early Evergreen Corn.

CUCUMBERS—for Salads and Pickles

**Gurken (Ger.)**  
**Culture.** Flourish best in a rich, warm, sandy loam. Sow when danger of frost is over in hills 4 or 5 feet each way. As the young plant has many enemies sow thickly half an inch deep, and thin out finally to 3 or 4 plants to the hill. Use 1 ounce of seed to 75 hills, 2 to 3 pounds to the acre. Gather cucumbers by cutting, not tearing. Leave none to ripen if you want a full crop.

**Cetriolo (It.)**  
**EARLY CLUSTER.** An early and very productive variety. Fruit small, thick at the end, dark green, but lighter at blossom end, borne in pairs or clusters and largely near the root. Used to some extent for pickles. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00.  
**EARLY FORTUNE.** Slightly longer than "Arlington White Spine," more cylindrical in shape, with very dark green skin and thick flesh, which is tender and crisp, making it especially good for slicing. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.00.  
**WHITE SPINE IMPROVED or ARLINGTON.** Great bearer; standard for out-doors. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.25.  
**DAVIS PERFECTION.** A distinct variety of the hardy White Spine type. Fruit large, symmetrical, dark green and thickly set with fine spines. Very prolific, bears a long time. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.  
**LONGFELLOW.** A new and exceptionally fine long, very dark green white spine, resembling a hothouse cucumber even when grown out-of-doors. Fruits 12 to 14 inches long, solid and crisp, with few seeds; an excellent forcer. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$2.00.  
**LONG GREEN.** Fruit from 10 to 12 inches long, dark green, very firm and crisp. It is used largely for slicing, but on account of its firmness and crispness is popular with some for pickling and is especially desirable, when mature, for sweet pickles. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.00.



**CUCUMBERS—Continued**

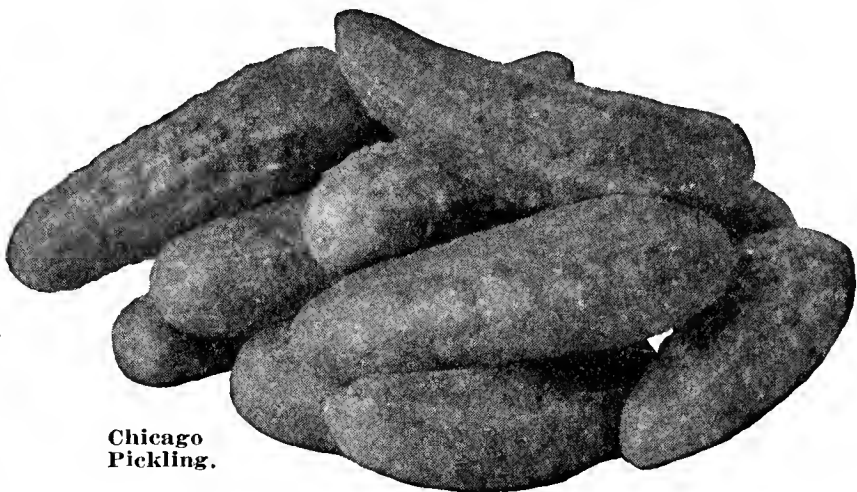
**BOSTON PICKLING.** A favorite for pickling. Medium size; smooth; light green; productive. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

**CHICAGO PICKLING.** This variety is preferred above all others by the largest pickling establishments in Chicago and elsewhere. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

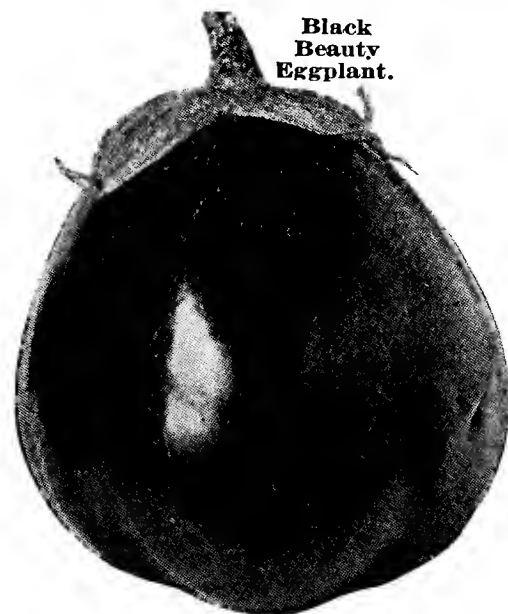
**JAPANESE CLIMBING.** Vigorous grower, with strong, grasping tendrils which enable it to climb trellis netting or brush. Fruit of good size. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.25.

**ROLLISON'S TELEGRAPH.** A standard greenhouse variety, English greenhouse grown stock.  $\frac{1}{2}$  pkt., 30c; pkt., 50c.

**SMALL GHERKIN.** A curious, rough little cucumber, used exclusively for pickling, for which purpose it is in high favor. Makes handsome pickle of first-class quality. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.



Chicago Pickling.



Black Beauty Eggplant.

**DANDELION**

**BROAD-LEAVED.** Extra selected with large broad leaves. An excellent and healthful salad plant. Pkt., 10c; oz., 75c;  $\frac{1}{4}$  lb., \$2.00.

**COMMON.** Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00.

**DILL**

**MAMMOTH.** An annual aromatic herb with warm pungent taste. Seeds are used for seasoning. Its largest use is for making Dill pickles. Two to three feet high. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**EGGPLANT**

Eierpflanze (Ger.)

Petronciano (It.)

**Culture.** Plant the seed in March in a hotbed, or, for family use, in flower pots in a warm window. Transplant in open ground after weather has become warm and settled, in rows 2 feet apart each way. Require rich soil.

**BLACK BEAUTY.** Considered the earliest of the large fruited varieties. Color, a rich purple. Pkt., 10c; oz., 50c; 4 ozs., \$1.50.

**NEW YORK IMPROVED PURPLE.** Surpassing all in size of fruit. Standard market sort. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.40.

**ENDIVE**

Endivien (Ger.)

Endivia (It.)

"Escarolle"

Broad Leaf

**Culture.** Sow as soon as the ground can be worked, in drills 15 inches apart, and thin plants to 6 to 8 inches in a row. To blanch the leaves, gather them carefully together when perfectly dry, and tie with matting or any soft fibrous material. The leaves are very highly esteemed for use as salads. One ounce will sow 150 feet of drill.

**LONDON GREEN CURLED.** A standard sort. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**WHITE CURLED.** A beautiful variety, with leaves as finely curled or mossed as the preceding, but of an attractive light green color. Blanches easily and has a most delicious and crisp flavor. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**BROAD-LEAVED BATAVIAN.** A large summer variety. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.50.

**FENNEL.** Sweet. See Herbs.

**GARLIC.** (Knoblauch, Ger.) (Agilo, It.) Sets, lb., 60c.

**HERBS**

Aromatic, medicinal and pot herbs. See page 32.

**HORSERADISH**

Roots, per doz., 40c; \$1.50 per 100; \$10.00 per 1000.

**KALE or BORECOLE**

Blaetterkohl (Ger.)

Cavolo rapa (It.)

Sow in May and transplant in June, and treat generally as for cabbage.

**DWARF CURLED SCOTCH.** A standard variety. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c.

**TALL GREEN CURLED.** Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**KOHL-RABI**

Knollkohl (Ger.)

Cavolo rapa (It.)

White, above ground. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 75c.

Purple, above ground. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 75c.

**LEEK**

Lauch-Porree (Ger.)

Porro (It.)

**AMERICAN FLAG.** Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**LETTUCE—Curled Sorts**

Every Garden Can Grow This Finest of Health Foods.

Kopfsalat (Ger.)

Lohuga (It.)

**Culture.** Lettuce thrives on nearly all soils, but because the growth should at all times be rapid to insure crispness and best flavor, the soil should be heavily enriched and well worked before planting. Lettuce being quite hardy, sow as soon as ground can be fitted.

**SIMPSON EARLY CURLED.** White Seeded. A very extensively used early loose-leaved or clustering variety. Leaves light green, slightly frilled and much blistered. Crisp, sweet and tender. Especially adapted for thick sowing. Very fine for poultry feeding. Pkt., 10c; oz., 15c; lb., \$1.50.



White Curled Endive.

**LETTUCE—Continued**

**GRAND RAPIDS.** Black Seed. As a greenhouse forcing lettuce this stands at the head of the list. Quick growing, very hardy—not liable to rot. The plant is upright, forms a loose cluster of large thin bright green leaves, savoyed, finely crumpled at the edges. Very attractive and desirable for garnishing. Pkt., 10c; oz., 20c; lb., \$1.50.

**ONONDAGA.** This remarkable variety was introduced by us many years ago. A splendid greenhouse sort, slightly fringed, forming a semi-head, a wonderful shipping and keeping variety, green under glass and of slightly reddish cast when grown in the open. Tender, crisp. Pkt., 10c; oz., 20c; lb., \$1.50.

**Cabbage or Heading Varieties**

**MAY KING.** Seed White. This is a handsome, extremely early, compact cabbage or heading variety for the home garden and market, forming very firm heads of medium size and excellent quality. The color is light yellowish green, tinged with reddish brown when mature. The inner leaves blanch rich golden yellow, very tender and buttery. The plant is very compact for so large a head. Pkt., 10c; oz., 15c; lb., \$1.50.

**BIG BOSTON.** This market variety is very popular for outdoor culture and is also in demand as a compact, large heading, forcing sort for cold frames. The plants are large, very hardy and vigorous. The leaves are broad, comparatively smooth but wavy at the edge, very hardy and vigorous. Thin, very hard and crisp. In color bright light green, the head slightly tinged with reddish brown. The inner leaves blanch to an attractive greenish white, tinged with light yellow. Pkt., 10c; oz., 20c; lb., \$1.50.

**UNRIVALED.** Same as Big Boston, but smaller and earlier. Pkt., 10c; oz., 15c; lb., \$1.50.

**HANSON HEAD.** Seed White. A very desirable late summer lettuce. The plant is compact and forms a cabbage-like head which remains in condition longer than summer-head sorts. Outer leaves bright, yellowish green and broad. Inner leaves white, crisp and sweet. Pkt., 10c; oz., 15c; lb., \$1.50.

**ICEBERG or NEW YORK HEAD.** Curled or crisp as iceberg, dark green heads somewhat conical. Pkt., 10c; oz., 15c; lb., \$1.75.

**ROMAINE or WHITE COS.** This Lettuce differs in shape from other sorts, the head being elongated and of conical form, about 9 inches in height and about 6 inches in diameter. Outer coloring yellow-green. Pkt., 10c; oz., 20c; lb., \$1.50.

**CHICKEN LETTUCE.** Does not make a head but sends up a stout stalk 3 to 4 feet high. Just loaded with leaves. When once cut it starts to grow again. A great chicken feed. Pkt., 10c; oz., 20c; lb., \$1.50.

**MELONS**

To Fit Your Growing Season.

Melone (Ger.)

Popone (It.)

The Muskmelon succeeds best in warm, rich soil. While both plant food and humus are necessary to all plants, all vines require an extra amount. Manure contains both, while rotted turf and commercial fertilizer combined supply both. If manure is used it should be well rotted, finely pulverized and evenly distributed through the soil.

**GOLDEN CHAMPLAIN, New Melon.** Of good size, tough rind, very thick flesh, and small seed cavity. Color is gray from the netting, underlaid with dark green. Flesh a rich golden color, very tender, juicy and sweet, fine grained and free from stringiness, delicious clear to the rind. Pkt., 10c; oz., 20c; ¼ lb., 75c; lb., \$2.50.

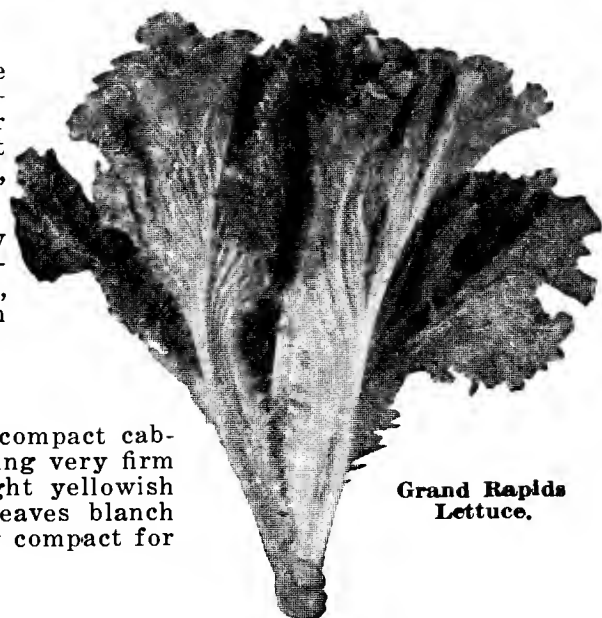
**HEARTS OF GOLD or IMPROVED HOODOO.** Melons of medium size, round and distinctly ribbed, and present a fine, attractive appearance. The rind and flesh are very firm, the skin thickly netted, and flesh a rich, deep orange of sweet and spicy flavor. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

**BENDER'S SURPRISE.** A fine variety of exceptional merit. The fruits are round and deeply ribbed and finely netted. Salmon-fleshed, thick meated, delicious in flavor. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.25.

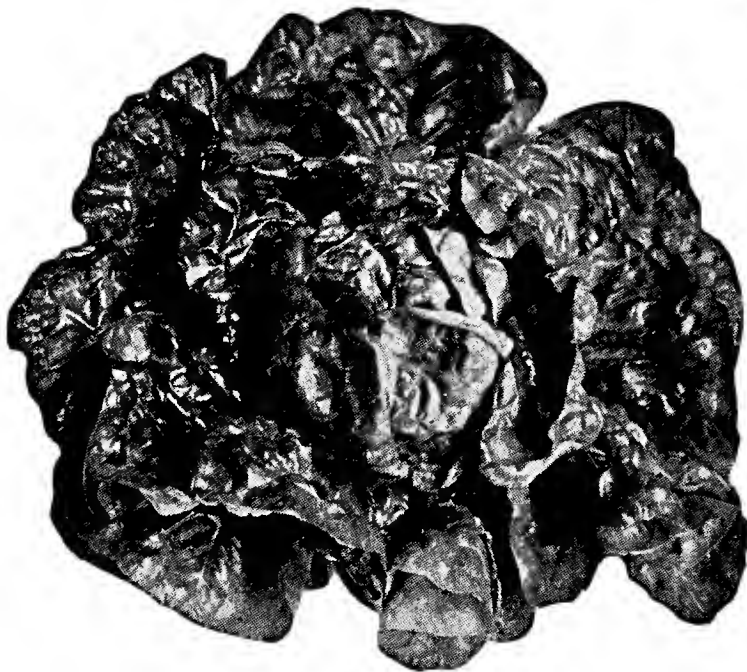
**EMERALD GEM.** A splendid early variety, coming in just ahead of Rocky Ford. Fruits deep emerald green in color, globular or slightly flattened, irregularly and distinctly ribbed and lightly netted. Flesh very thick, sweet and of a deep, rich salmon-yellow. Pkt., 10c; oz., 15c; lb., \$1.50.

**EXTRA EARLY HACKENSACK.** Fruit of good size, nearly round. Flesh green, a little coarse, but very juicy and sweet, and of good flavor. Vine very productive. Pkt., 10c; oz., 15c; lb., \$1.25.

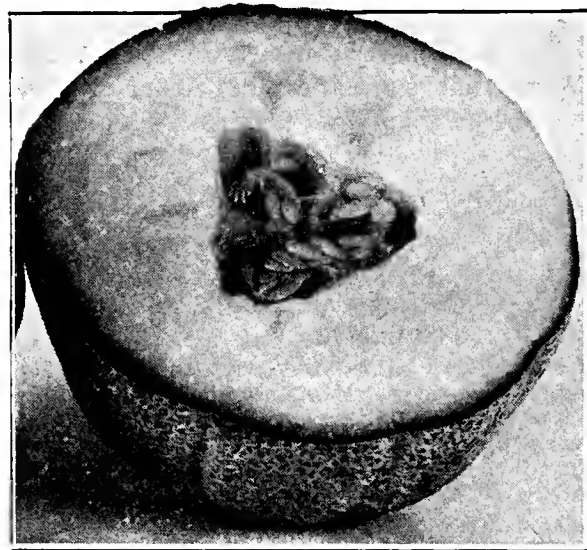
Dairymen's League Certificate of Indebtedness accepted as cash in the purchase of seed.



Grand Rapids Lettuce.



Hanson Head Lettuce.



Hearts of Gold Muskmelon.

**MILLER'S CREAM or OSAGE.** Larger than Emerald Gem. Nearly round in form, but having the same distinct dark green skin with lighter bands between the ribs, and thick, firm, orange flesh of fine quality. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

**ROCKY FORD, RUST-RESISTING.** Like Netted Gem. More largely grown than any other of the small or basket melons and shipped in enormous quantities from Colorado and Arizona. Fruit oval, slightly ribbed, densely covered with fine netting. Flesh green, thick, very sweet and of rich flavor. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

**HONEY DEW MELON.** "Sweetest Melon Ever Grown." The rind is a dull white when ripe. Part of the melon shows a slight check in the rind like a tendency to net. The size runs from 6 to 7 inches in diameter from top to bottom, and 8 inches in length. The matured melons are practically all of the same shape and size. Flesh is a light green and is almost honey sweet. This melon will keep several weeks. This is one of the best market melons known. Vines vigorous, and produce 6 to 10 fine melons to the hill. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

WATERMELON

Short Season Varieties Are Necessary in North  
Melone (Ger.) Popone (It.)

**SWEET HEART.** Introduced in 1894 and is very popular as a shipping melon, particularly in the South. Vine vigorous and very productive, ripening its fruit evenly. Fruit of largest size, oval, very heavy, rind thin but firm; color very light green, very slightly veined with a little darker shade. Flesh bright red, firm but very tender and sweet. Fruit remains in good condition a long time after ripening. Seed black. Our stock will be found very uniform in shape, size and color. Pkt., 10c; oz., 15c; lb., \$1.00.

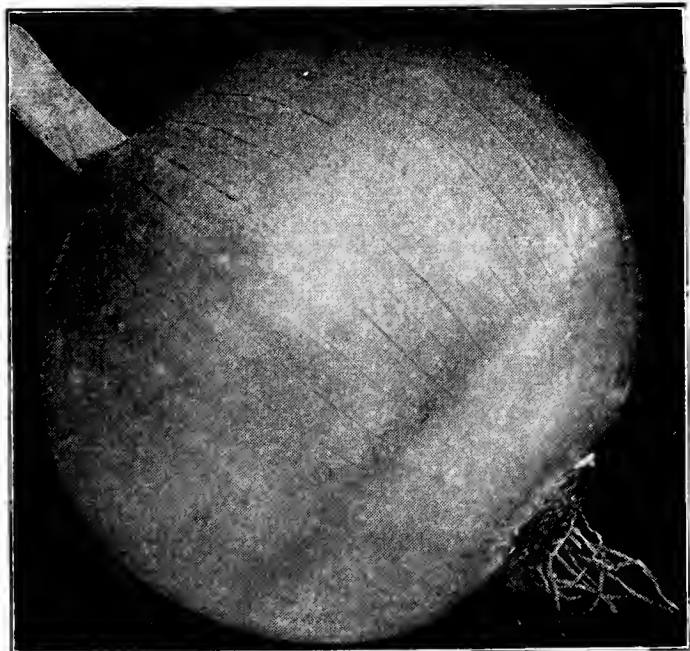
**COLE'S EARLY.** An early, oval-shaped variety. Large heart, flesh of fine texture and good flavor. It grows to a medium size, and the skin is green with light stripes. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**HARRIS' EARLIEST.** This excellent watermelon grows rather large for an early variety, slightly oval in shape, skin mottled light and dark green. It is uniform in size and shape. The flesh is solid, bright red, very tender and sweet. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

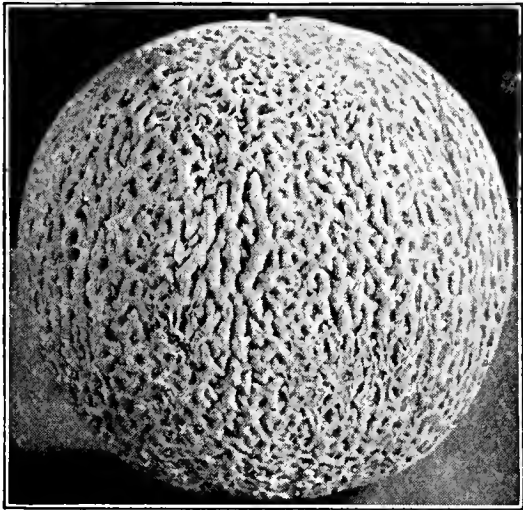
**FORDHOOK EARLY.** Fordhook Early Watermelon will ripen in sections too cool to grow a good crop of any other watermelon. There is no other melon of such large size which can make this claim. We would suggest that you make a trial of Fordhook Early. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.

MUSHROOM SPAWN

Large, vigorous and finely flavored mushrooms, either French or English. Brick, about 1¼ lbs., 50c.



Yellow Globe Danvers Onion.



Rocky Ford Muskmelon.

MUSTARD

**WHITE ENGLISH.** Leaves comparatively small and smooth, deeply cut or divided and of medium dark green color. Plant upright, of rapid growth and soon bolts to seed. Leaves, when young, are mild and tender. Pkt., 10c; oz., 15c; lb., \$1.00.

**SOUTHERN GIANT CURLED.** Leaves large, light green with tinge of yellow, much crimped and frilled at edges. Plant upright or slightly spreading in growth. Pkt., 10c; oz., 15c; lb., \$1.00.

NASTURTIUM - See Flower Seeds

**TALL MIXED GARDEN.** Sometimes called Indian Cress. Grown not only for ornament but the beautiful orange-colored flowers and foliage are used for garnishing and the young leaves or shoots are excellent for salads. The green seed pods are greatly esteemed by many for use in mixed pickles. Sow early in spring, preferably in rather light soil, in rows 3 feet apart and 2 inches apart in the row, covering 1 inch deep. When the young plants are about 4 inches high, thin to 6 inches apart in the row. Oz., 10c; ¼ lb., 30c; lb., \$1.00.

**DWARF NASTURTIUM, Mixed.** Oz., 15c; ¼ lb., 40c; lb., \$1.25.

**TALL NASTURTIUMS.** Oz., 10c; ¼ lb., 30c; lb., \$1.00.

OKRA or GUMBO

The young seed pods are used in soups, stews, catsups, etc. Highly esteemed in the South. After danger of frost is past, the ground being warm and in good condition, plant in rows about two and one-half feet apart, covering with about an inch of fine soil.

**WHITE VELVET.** Plant is about 3½ feet high, early maturing and very productive. Pods white, long, smooth and are tender until nearly full sized. Pkt., 10c; oz., 15c; lb., 75c.

PURE BRED ONION SEEDS

That Give Satisfaction and Make Money for the Owner  
Zwiebel (Ger.) Cipolio (It.)

**PRIZETAKER.** Grows to an immense size and for fall marketing is unexcelled. Although of such great size, it is very hardy and a fair winter keeper, as it ripens up hard and firm; very fine grained, and of mild, delicate flavor. The outside skin is rich yellow while the flesh is white. Pkt., 10c; oz., 20c; lb., \$2.00.

**SOUTHPORT WHITE GLOBE.** This grows to a very large size and is a perfectly globe-shaped onion. Color is a clear pure white. This variety is used by the market gardeners for bunching. Pkt., 10c; oz., 25c; lb., \$2.75.

**EARLY FLAT YELLOW DANVERS.** A good variety, but not as round or quite as early as the Yellow Globe Danvers. Very productive. Oz., 20c; lb., \$2.00.

**SOUTHPORT YELLOW GLOBE.** A large, perfectly shaped Globe onion and an excellent onion for keeping throughout the winter. A very heavy cropper, handsome in appearance and good dark yellow color. Pkt., 10c; oz., 20c; lb., \$1.50.



**ONIONS—Continued**

**YELLOW GLOBE DANVERS.** This fine onion is of large size, an early and abundant cropper. Bulbs very thick, flat or slightly convex bottoms, full oval top with small neck and rich brownish yellow skin. Pkt., 10c; oz., 25c; lb., \$1.75.

**EBENEZER or "JAPANESE."** The onions are not unlike Yellow Globe Danvers in shape and size, but are superior in flavor and keep longer. They are firm, solid, have a thin skin, and are agreeably mild. Also planted extensively to produce small sets for the following season. Pkt., 10c; oz., 25c; lb., \$2.00.

**SOUTHPORT RED GLOBE.** This is a fine keeper. Large size and considered one of the best red onions. Flesh is fine grained, very mild and tender. Pkt., 10c; oz., 20c; lb., \$2.00.

**WHITE PORTUGAL.** (American Silverskin). This is the best sort to sow—for onion sets or for pickling. When sown thickly for either it makes a small, round, hard bulb. Pkt., 10c; oz., 30c; lb., \$2.50.

**AILSA CRAIG.** A handsome globular variety, growing to an enormous size, with pale yellow skin,

flesh white, a good keeper and valuable for exhibition purposes. Very fine for home gardens. Pkt., 10c; oz., 20c; lb., \$2.50.

**LARGE RED WETHERSFIELD.** We have a very fine and select strain of this sort. Color is deep purplish red, flesh white, moderately grained and very firm. Yields an enormous amount per acre, and is one of the best winter keeping onions. Pkt., 10c; oz., 25c; lb., \$1.50.

**Onion Sets**

**BROWN BOTTOM SETS.** Treated precisely as top onions are, setting them out in the spring instead of sowing seed. Qt., 30c; bu., \$4.00.

**YELLOW BOTTOM SETS.** Like the preceding except in color and used in the same manner. Qt., 30c; bu., \$4.00.

**WHITE BOTTOM SETS.** These do not keep as well as the brown and yellow, but produce beautiful white onions early in the season. Qt., 30c; bu., \$4.00.

Prices of all onion sets are subject to fluctuations of the market throughout the season, or as long as our stock lasts.

**PARSLEY**

Petersille (Ger.)

Prezzemolo (It.)

**Culture.** Sow seeds in shallow drills in the early spring for border, or in rows 12 to 13 inches apart, care being taken that the drills be not more than one-half inch in depth, and that the seed be well pressed down after sowing, as the seed germinates very slowly, 3 to 5 weeks elapsing sometimes before it makes its appearance. Use one ounce to 150 feet of drill, three pounds to an acre. Cultivate frequently.

**PLAIN PARSLEY.** The leaves of this variety are flat, deeply cut but not curled. Very desirable for flavoring soups and stews and for drying. It is a favorite on account of its very dark green leaves, as well as its hardiness. The curled sorts are very extensively used for garnishing. Pkt., 10c; oz., 15c; lb., \$1.50.

**CHAMPION MOSS CURLED.** This is a vigorous, compact growing variety, excellent for garnishing and flavoring. A handsome decorative plant. Leaves very finely cut and so closely crisped or curled as to resemble bunches of moss. Fine deep green color and very attractive foliage. Pkt., 10c; oz., 15c; lb., \$1.50.

**PARSNIPS**

Pastinake (Ger.)

Pastinaca (It.)

**Culture.** Sow in early spring, in rows 2 to 3 ft. apart, thin to 4 or 6 inches in the row. One ounce of seed will sow 200 feet of drill, four to five pounds per acre in drills 2½ feet apart. Cover the seed one-half inch. Use rotted manure and fertilizer. Parsnips may be left in the ground all winter.

**IMPROVED HOLLOW CROWN.** This really is the greatest old-time favorite among the parsnips and has a host of friends which it will never lose. It is very smooth, white, with a very thick shoulder and tapering down to a graceful point. One of the best known, none better. Pkt., 10c; oz., 15c; lb., \$1.00.

**GUERNSEY.** (Same as Hollow Crown). Greatly improved strain. The roots do not grow as long as the Hollow Crown, but are of greater diameter and very easily gathered. A very heavy cropper. Roots very smooth. Flesh fine grained and of excellent quality. Pkt., 10c; oz., 15c; lb., \$1.00.



Champion Moss Curled Parsley.

**PEAS**

Your Own Peas Are Sweetest

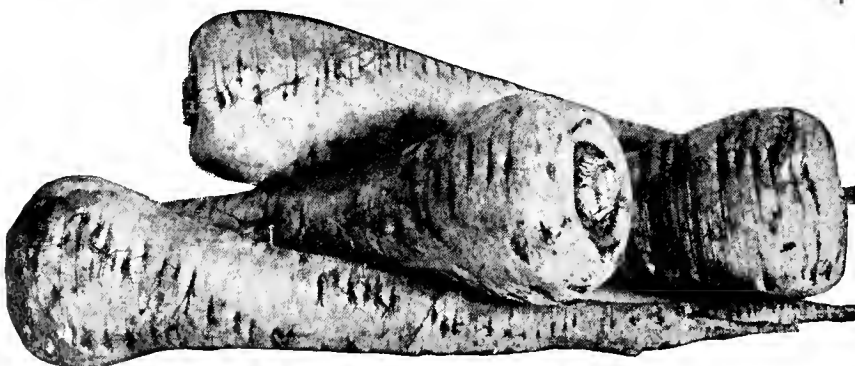
Erbsen (Ger.)

Piselli (It.)

For early peas the soil should be light and warm, but for general crop a moderately heavy soil is better. Fresh manure and very rich or wet mucky soil should be avoided, as they cause a rank growth of vine at the cost of the quality of the peas. Such soil is often the cause of early sorts maturing unevenly. Sow as early as possible a few of some early variety on warm, quick soil, prepared the fall before, planting in double rows 6 to 8 inches apart and 2½ to 4 feet between the double rows.

**EARLIEST OF ALL or ALASKA.** Medium sized, bright green peas of good flavor. Vines medium height, 2½ to 3 feet, and of distinctive light color. Pods about 2½ to 2¾ inches long. Matures all the crop at once. Lb., 30c; 2 lbs., 55c; 10 lbs., \$2.50; 100 lbs., \$17.00.

**LAXTONIAN.** A little earlier than other dwarf large-podded peas, this variety is generally considered the best of its class. The blue-green pods are often more than 4 inches long and contain 8 dark green peas of finest quality. It is especially recommended for home garden use. The seeds are large, wrinkled; green and cream in color. Pkt., 10c; lb., 40c; 10 lbs., \$3.50.



Improved Hollow Crown Parsnip.

**PEAS—Improved Varieties—Prolific Yielders**

**AMERICAN WONDER.** Vigorous and productive vines, with a luxuriant foliage, and producing the leaves on one side of the stock, growing from 9 to 12 inches high. On account of its dwarf habit of growth it is very desirable for private garden use. Pods are light colored, straight, round, about 2½ inches long and blunt at the end. Fit for picking 75 days after planting. Seed is wrinkled, green, medium sized and square at the end. Lb., 30c; 2 lbs., 60c; 10 lbs., \$2.25; 100 lbs., \$18.00.

**NOTT'S EXCELSIOR.** Resembling Gems in habit, but more dwarf and uniform in growth. Height 12 to 17 inches, with rather light foliage. Pods are light in color, round, about 2½ inches long, blunt at the ends. Fit for picking 75 days from planting. Seed green, wrinkled, medium sized and square at the ends. Lb., 30c; 2 lbs., 50c; 10 lbs., \$2.25.

**HUNDREDFOLD.** A very fine, large podded, dwarf, extra early Pea, and one which we can with confidence recommend. It matures in from 60 to 63 days, and as its name implies, it bears an enormous crop of dark green pods containing 7 to 8 large peas of very tender quality and fine flavor. The vines grow only to a height of 14 or 16 inches and are easily handled. Lb., 35c; 2 lbs., 65c; 10 lbs., \$3.00.

**LITTLE MARVEL.** Vines dwarf, average 15 inches, and are heavily set with fine pods, frequently borne in pairs. The pods average 2½ inches in length, are square at the bottom and well filled with 6 to 7 quite large, deep green peas. Lb., 35c; 2 lbs., 60c; 10 lbs., \$3.00; 100 lbs., \$25.00.

**MARKET SURPRISE.** May be described as large podded, extra early, vines medium. Pods single, medium green, pointed, slightly curved, contain 7 peas. Seeds round, smooth, bluish green. Lb., 30c; 10 lbs., \$2.50.

**GRADUS.** A very early, wrinkled pea. Vine of medium height, about 3 to 3½ feet. The pods are very large, about 4¼ inches long, uniformly well shaped. Peas very large, of splendid quality and beautiful light green color which they retain after cooking. Lb., 30c; 10 lbs., \$2.50; 100 lbs., \$20.00.

**THOMAS LAXTON.** A very early, wrinkled variety of great merit. Vine vigorous, of medium height, about 3 feet, similar to that of Gradus, but darker in color, harder and more productive. Pods large, often 4 inches long, with square ends, similar to but larger, longer and darker than those of Champion of England and as uniformly well filled. The green peas are very large, of fine deep color and unsurpassed in quality. Lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50; 100 lbs., \$20.00.

**Second Early Varieties**

**ALDERMAN.** This comparatively new pea is in many respects the very best early main crop variety of the valuable Telephone type. The vines are tall growing, about 4½ to 5 feet high, dark green, vigorous and exceedingly productive. Pods of largest size, often 5 to 5½ inches long, dark green. The peas are of largest size and unsurpassed in quality. We recommend it unreservedly. Lb., 30c; 2 lbs., 50c; 10 lbs., \$3.00; 100 lbs., \$23.00.

**TELEPHONE.** Vines tall and vigorous, growing about 4 feet high, with large, coarse, light colored leaves and producing an abundance of pointed pods of largest size, often 4½ to 5 inches long, attractive bright green, filled with very large peas which are tender, sweet and of excellent flavor. It comes into use soon after the Premium Gem and is one of the best sorts for either home or market. Lb., 30c; 2 lbs., 55c; 100 lbs., \$23.00.

**Later Varieties**

**IMPROVED STRATAGEM.** One of the best of the large podded, semi-dwarf main crop varieties. The vines are very sturdy, about 2 to 2½ feet high, with medium dark green foliage. The pods are very large, often 4¼ to 4½ inches long, pointed, dark green, and uniformly filled with very large, dark green peas of the finest quality. Pkt., 10c; lb., 30c; 2 lbs., 60c, postpaid. 100 lbs., \$19.00.

**CHAMPION OF ENGLAND.** A very productive variety universally admitted to be one of the richest and best flavored of the late peas. The vines are 4 to 5 feet high. The seed is light green and much shriveled. Very inferior and mixed stocks of this sort are frequently offered, but when the seed is as well grown and selected as that which we offer we consider the variety equal in quality to any in cultivation and one of the best of its season, either for the home garden or market gardener. Lb., 30c; 2 lbs., 55c; 10 lbs., \$2.00.

**MELTING SUGAR.** Edible pods. There is a class of peas not generally known in this country but much used abroad in which the sweet, brittle and succulent pods have none of the tough, inner lining found in the ordinary varieties of garden peas. They are used in the same way as snap or string beans. Lb., 35c; 2 lbs., 60c.

**TO PREVENT DAMAGE FROM PEA LOUSE.** Sow a strip of turnip seed about 5 feet wide around the field of peas, which will attract the pea louse, and will feed upon the turnip instead of the peas; thus preventing the destruction of the crop. Sow early turnips with Early Peas and late turnips with Late Peas. This has been given to us by an expert grower who claims it to be a sure remedy.

Prices Subject to Change Without Notice.

Telephone Peas.



Thomas  
Laxton  
Peas.



**PEPPER—Sweet or Hot**

Pfeffer (Ger.)

Peperone (It.)

Peppers are most largely used for seasoning meat and vegetable dishes; also for making chow chow and chili sauce. The culture is the same as for eggplant and the plants need quite as much heat to perfect them. Sow seed early in hotbed, or about middle of spring in open seed bed, the soil being light and warm. When 3 inches high transplant in rows about 2½ feet apart and 2 feet apart in the row.

**WORLD BEATER.** This is the finest large pepper yet introduced. A cross between Chinese Giant and Ruby King, as early as Ruby King and similar in shape, but broader at blossom end. Almost the size of Chinese Giant and far more prolific, some plants producing as many as 24 marketable peppers. Exceptionally mild, can be eaten raw without fear of burning. Color of fruit green at first, turning to a beautiful shade of scarlet. Flesh thick, which enables it to hold up a long time and makes it an excellent shipper. Pkt., 10c; oz., 40c; ¼ lb., \$1.50.

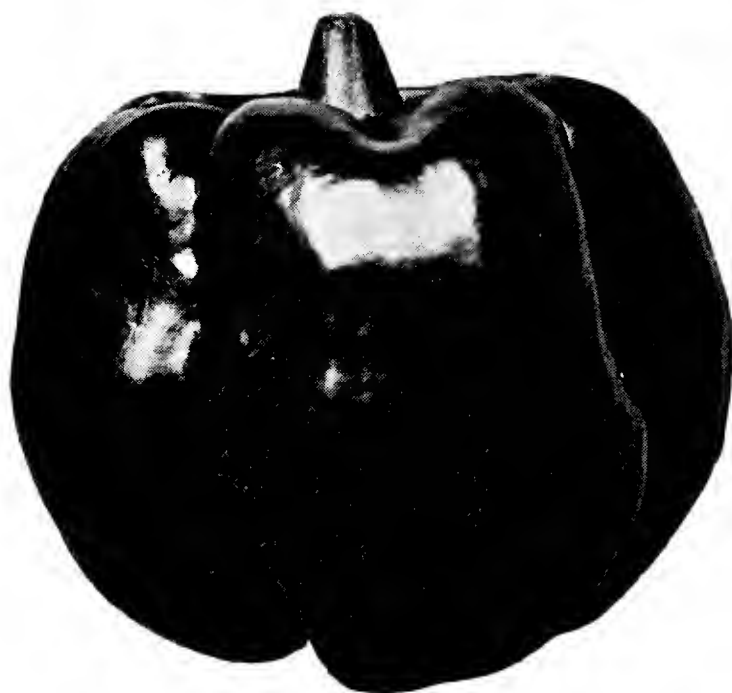
**CRIMSON GIANT.** The earliest maturing of the extremely large, red sweet peppers and surpassed by none in evenness of size and shape. The plant is vigorous, 2½ to 3 feet high. The fruits are of the largest size, ripen earlier than any of the other very large sorts. Color deep green when young, deep crimson when matured; flavor very mild. Oz., 60c; ¼ lb., \$2.25.

**PEPPER-TOMATO.** A wonderful new creation among vegetables. See picture and description on page 33. Pkt., 25c.

**LARGE EARLY NEAPOLITAN.** Decidedly the earliest of all large, mild, red peppers and the most productive of all large peppers. The fruit measures 4 inches long and 4½ inches in circumference. The strong, vigorous plants grow 2 feet high by 18 inches across. They are heavily laden with large handsome fruit and bear continuously until frost. Single plants carry from 35 to 50 marketable fruits at one time. Skin and flesh bright red; mild as an apple. Pkt., 10c; oz., 40c; ½ lb., \$2.00.

**LONG RED CAYENNE.** A well known medium early variety having a slender, twisted and pointed pod about 4 inches long. Color deep green when fruit is young, bright red when ripe. Extremely strong and pungent flesh. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

**LARGE BELL or BULL NOSE.** Our stock of this well known variety, sometimes called Sweet Mountain, is very superior. Plant vigorous, about 2 feet high, compact and very productive, ripening its crop uniformly and early. The fruits are large, with thick, mild flesh of excellent quality for use in salads and mangoes or stuffed peppers. The color is deep green when fruit is young, bright crimson when ripe. Slightly pungent. Oz., 40c; ¼ lb., \$1.25.



Chinese Giant Pepper.

**RUBY KING.** An improved American variety, very large and attractive. The plant is about 2½ feet high, vigorous, compact and productive. The fruits are often 4 to 4½ inches long and of deep green color when young, bright red when ripe. The flesh is thick and mild flavored. One of the best varieties for mangoes or stuffed pepper. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

**CHINESE GIANT.** Plant dwarf, fruit of mammoth size, very broad, yet rather short. It is very late and a rather shy yielder. Popular on account of its large size and mild flavor. Our stock is pure and is as good as can be obtained. Pkt., 10c; oz., 40c; ¼ lb., \$2.00.

**PIMIENTO PEPPER.** The sweetest pepper grown, as it does not contain the slightest trace of fieriness. The plants are productive and peppers medium size and of a shape which is desirable for stuffing, prepared in which manner they are delicious. It may also be used in salads and for flavoring. Pkt., 10c; oz., 40c; ¼ lb., \$1.00.

**GOLDEN QUEEN.** Of all the yellow-fruited peppers, Golden Queen is the largest, most productive and finest. The fruit is quite large, unusually meaty, and strictly mild. Rich and glossy golden yellow skin. Our strain of this fine yellow pepper is particularly fine. Pkt., 10c; oz., 40c; ¼ lb., \$1.50.

**POTATOES—Northern Grown**

Kartoffel (Ger.)

Patate (It.)

Plant beans in potato hills. Will keep off the bugs and make a crop of beans. Ask for prices.

**EARLY OHIO.** "True to Name" Red River Valley Early Ohio Seed Potatoes, the earliest of all and "The King of the Earlies."

**IRISH COBBLER.** The best early white Potato grown. Tubers are smooth, round, plump and handsome. Flesh is white and of splendid quality.

**TRUE EARLY ROSE.** The Early Rose is the old standard early potato; rosy blush skin, white flesh; early, productive, and of excellent flavor.

**LATE RUSSET.** Most vigorous grower and an immense yielder. Bug proof and blight proof. Has russet skin; flesh white as snow. Fine cooker. The most valuable late sort on the market.

**CARMAN NO. 3.** Another large, round, white, main crop Potato. Tubers very large; eyes shallow and few in number, and is an immense yielder.

We Carry Certified Seeds Only.

**PUMPKIN SEEDS**

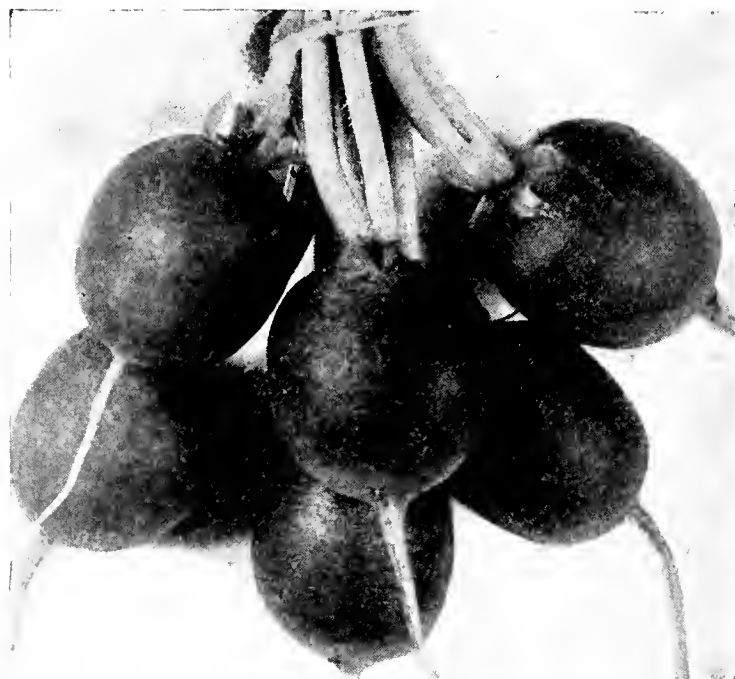
Melonen-Kuerbiss (Ger.) Zucca (It.)

**CONNECTICUT FIELD.** Per oz., 10c; lb., 65c.

**SMALL SUGAR PIE PUMPKIN.** Fine for table. Pkt., 10c; oz., 15c; lb., \$1.25.

**WINTER LUXURY.** Fine table Pumpkin. Pkt., 10c; oz., 15c; lb., \$1.00.

**QUAKER PIE.** Pkt., 10c; oz., 15c; lb., \$1.00.



Onondaga Radish.



**RADISH—the Season Through**

Radies (Ger.)

Ravanello (It.)

Being a root crop, good brittle radishes require light, well-worked soil, made very rich and mellow. They are easy to grow and frequent plantings will insure a constant supply for the table. Summer varieties can be sown all spring and well into summer. Winter varieties should be planted in August and September.

**THE ONONDAGA.** The perfect radish—an early scarlet globe, forcing and outdoor variety. This very fine and improved type of bright scarlet Globe Radish will prove a splendid addition to our line of radishes. It is equal to the best of the Early Forcing Globe type, but a much better yielder, producing practically 100 per cent perfect radishes. This is the reason why it appeals to the market gardener. It is the best money maker of all the scarlet radishes listed in recent years. Pkt., 10c; oz., 15c; lb., 90c.

**SCARLET GLOBE.** This grand radish has established a reputation as a forcing sort. Its peculiarity is that it will bear the heat requisite for forcing without becoming pithy or suffering injury to its flavor. Its color is a rich scarlet. It has a small top and is a high bred radish. Pkt., 10c; oz., 15c; lb., 90c.

**SAXA.** The gardener's favorite. Earliest round bright scarlet. The earliest of the forcing radishes, and one of the slowest to shoot to seed. Round, bright scarlet and with the smallest possible top. We have an excellent stock of this radish and can highly recommend it. Oz., 15c; lb., \$1.00.

**FRENCH BREAKFAST.** Olive shaped. A popular variety for market for forcing. It is about 2 inches long and decidedly stump-rooted. Color, bright rose with bottom of root and the tail pure white. Pkt., 10c; oz., 15c; lb., 90c.

**BRIGHTEST LONG SCARLET.** A very showy, long variety, is thick at the shoulder and tapering. Bright rose-scarlet with distinct white top. Oz., 15c; lb., 90c.

**WHITE VIENNA or LADY FINGER VARIETY.** A handsome white variety, about 5 inches long, with sloping top and pointed root. Quick growing, brittle, and mild snappy flavor. Pkt., 10c; oz., 15c; lb., 90c.

**WHITE STRASBURG.** A white radish, of large size, good quality, and ability to resist severe heat. It will grow solid, with good flavor, when others fail. Pkt., 10c; oz., 15c; lb., 90c.

**Winter Radishes**

**GIANT STUTTGART.** This mammoth white radish is the largest of the turnip-shaped sorts. It has solid, crisp, pungent flesh, and is highly prized by people demanding a radish of high flavor. Both skin and flesh are pure white. Pkt., 10c; oz., 15c; lb., \$1.00.

**CHINESE WHITE WINTER or CELESTIAL** (or California Mammoth White Winter). The well known and popular winter variety. Clear white, about 4 inches long and half stump-rooted. Pkt., 10c; oz., 15c; lb., \$1.00.

**CHINESE ROSE WINTER.** A bright scarlet winter variety. About 4 inches long and stump-rooted. Matures 2 or 3 weeks earlier than the Chinese White Winter and like it is firm and crisp and does not grow pithy until it runs to seed. Pkt., 10c; oz., 15c; lb., \$1.00.

**ROUND BLACK SPANISH.** A winter variety, with black skin and white flesh. It is top-shaped or almost globular. Pkt., 10c; oz., 15c; lb., \$1.00.

**RHUBARB or PIE PLANT**

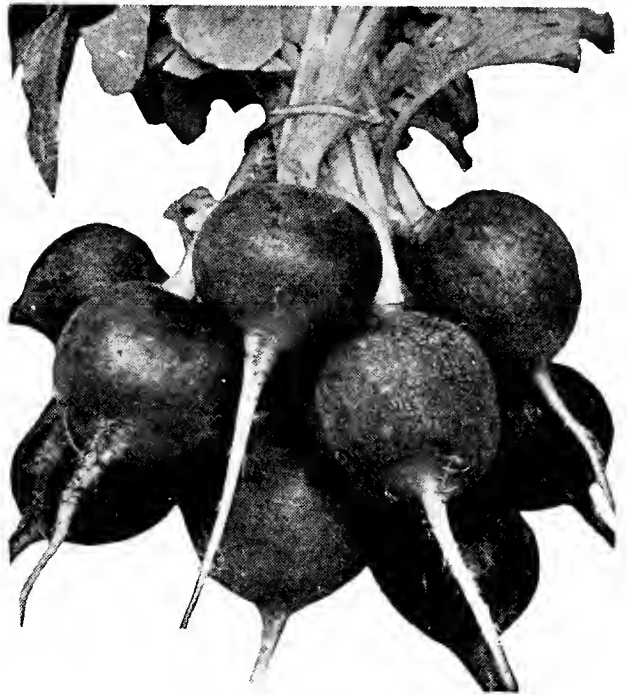
Rhabarber (Ger.)

Rabarbara (It.)

**Victoria.** A good market sort, with beautiful red stalks. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50. Roots, price each, 15c; 2 for 25c; doz., \$1.50.

**SAGE**

A hardy perennial shrub, with whitish green, oval, and very much wrinkled leaves, which have a pleasant smell and which are used for seasoning. It is easily grown and the seed can be sown almost any time. Oz., 30c; ¼ lb., 90c.



Scarlet Globe Radish.

**SALSIFY or Vegetable Oyster**

Haferwurz (Ger.) Sassefrica (It.)

**Culture.** Sow early and deeper than parsnip, otherwise culture is the same. Roots, if desired, may be left in the ground through the winter, but dug early in the spring.

**MAMMOTH SANDWICH ISLAND.** Larger, of stronger growth, and less liable to grow prongy than the old Long White. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00.

**MODERN SPINACH**

Spinat (Ger.)

Spinace (It.)

**KING OF DENMARK.** Also known as "Antvorskov." This new variety is undoubtedly the most valuable introduction of spinach in recent years. Although the plants are ready for use almost as soon as the medium early sorts they remain in good condition from a week to two weeks after all other varieties have gone to seed. The plants are of rapid growth, resemble the Long Season in type but leaves are more crumpled or blistered and are of darker green color. The leaves are thick, stand well after cutting and are of good quality. We believe this variety will in a few years be one of the leading sorts as its distinctive qualities are sure to win favor for it from both the home and market gardener. Oz., 15c; lb., 50c.

**LONG STANDING, Prickly.** A deep green variety with rather elongated smooth leaves. Seed, round. Stands a long time without running to seed. Oz., 10c; lb., 50c.

**VICTORIA.** A long-standing variety with round, slightly savoyed leaves. Deep green and hardy. Forms good, edible leaves early and continues to produce leaves for a long period. Oz., 10c; lb., 50c.

**BLOOMSDALE SAVOY.** The variety most generally used in the East, and especially throughout the South for shipping. Leaves large, round and thick, very much savoyed and rich deep green. One of the earliest varieties. Seed round. Oz., 10c; lb., 50c; 10 lbs., \$4.00.

**NEW ZEALAND.** A plant with thick, fleshy texture and soft crystalline leaves. Is not like the ordinary spinach in appearance, but it is used in the same way. Oz., 15c; lb., \$1.00.

Special Cash Discount to Market Gardeners

New Squashes and Marrows

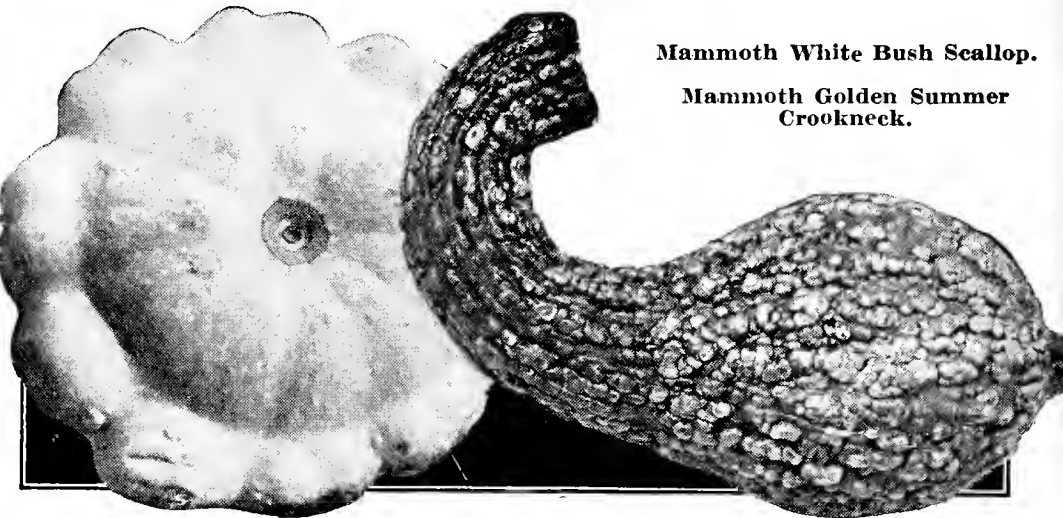
**Kuerbiss (Ger.) Zucca (It.)**  
The summer varieties come into use in early summer, but being sensitive to frost the seed cannot be sown until late April. Seed should be planted in hills 4 feet apart, using 4 ounces to 100 hills. The winter varieties, also unable to resist frost, should be planted at the same time. The fruit does not mature until late in the fall, and, having a very firm, hard shell, keeps well, and with a little care can be had all winter and into late spring. In gathering winter squashes it is important to protect the stems, since if broken off the fruit will not keep so well. Plant in hills 6 to 8 feet apart, 2 or 3 seeds to the hill, 8 ozs. to 100 hills or 2 lbs. to an acre. An occasional feeding with liquid manure will repay in size of fruits.

- MAMMOTH GOLDEN SUMMER CROOKNECK.** A large golden yellow variety, thickly warted; is 18 inches long, brittle and tender. Plants are bushy and very prolific. This is an improved strain and considerably larger. Pkt., 10c; oz., 15c; lb., \$1.25.
- BURPEE'S FORDHOOK SQUASH.** A most desirable running variety for both summer and winter use. Wonderfully productive. Fruit oblong, 8 to 10 inches in length, slightly ridged, smooth thin yellowish skin; flesh very thick and of a light straw yellow. If ripened on the vine will keep until late the following June. Oz., 15c; lb., \$1.25.
- MAMMOTH WHITE BUSH SCALLOP.** An improvement on the old variety, larger, pure white and superior in quality. Pkt., 10c; oz., 15c; lb., \$1.25.
- BOSTON MARROW.** Color bright orange; flesh yellow and fine flavored. Oz., 15c; lb., \$1.00.
- BLUE HUBBARD.** This excellent squash of the Hubbard type is light blue in color, with hard shell and thick, fine grained flesh, which is very tender and by far the sweetest and best flavored of the winter squash. This variety is very popular in the East, and brings the highest prices. We have the true stock. Pkt., 10c; oz., 15c; lb., \$1.50.
- GOLDEN HUBBARD.** A distinct sort, of the shape and general character of the Hubbard, but a little smaller, earlier to mature, and a rich orange-red. Flesh is thick, of fully as good quality, fine-grained and dry. Oz., 15c; lb., \$1.25.
- HUBBARD.** A distinct strain of the famous Green Warty Hubbard and is an ideal winter squash for market men. The shell is a dark green in color, the flesh dry and sweet in flavor. It grows to large size, is a fine keeper and shipper, its cooking qualities unsurpassed. Oz., 15c; lb., \$1.50.
- BANANA SQUASH.** The most delicious of all for the table or pies. The tough shell is a grayish green in color. The beautiful orange-yellow flesh is firm and solid, free from fibre, or stringiness, cooks smooth and is of delicious flavor. Matures in 110 days. Pkt., 10c; oz., 20c; lb., \$1.25.

SWEET HERBS

**Culture.** Sow in early spring, at the time when the trees begin to leaf, in ordinarily good and well drained garden soil, in rows 12 to 24 inches apart.

Pkt.	Pkt.
Anise, aromatic.....10c	Horehound.....10c
Balm, medicinal.....10c	Lavender, aromatic...10c
Basil, sweet.....10c	Marjoram ...10c
Borage, used for salad 10c	Rosemary, aromatic..10c
Caraway, aromatic...10c	Rue, medicinal.....10c
Coriander, aromatic..10c	Sage, culinary herb...10c
Dandelion.....10c	Savory, Summer.....10c
Dill, aromatic.....10c	Sweet Marjoram.....10c
Fennel, Sweet, aromatic.....10c	Thyme, culinary herb.10c
	Wormwood, medicinal 10c



Mammoth White Bush Scallop.  
Mammoth Golden Summer Crookneck.

SWISS CHARD—See Beets

- GIANT PERPETUAL ("Cut-and-Come-Again") Spinach Swiss Chard.** This, though a variety of Chard, is to all practical purposes a giant spinach. Oz., 15c; lb., \$1.00.
- SQUASH BUGS.** Spray Pyrox with an under-leaf upturned nozzle—sure death.

Tobacco Seed

Havana Tobacco Seed. Pkt., 10c; oz., 50c.

MULCHING PAPER

Gator Hide Mulch Paper—Styles A and B

	Per Roll
18-inch ( 675 sq. ft.) 450 ft. long .....	\$3.00
36-inch (1350 sq. ft.) 450 ft. long .....	6.00
Garden Package .....	.65

Keystone Mulch Paper

	Per Roll
18-inch rolls (300 lineal ft., approx. 27 lbs.)	\$2.00
36-inch rolls (300 lineal ft., approx. 54 lbs.)	4.00

Tomatoes of all Types and Flavors

Liebesapfel (Ger.) Promodori (It.)

As tomatoes are very sensitive to frost, they cannot be set in the open field until about May 1st. The seed must be sown in well protected hotbeds, sowing same about March 1st. A hardy and stocky plant is had by transplanting the small plants in the bed a few weeks before transplanting to the field. Or when about 4 inches high, the top may be pinched off and the plant grows stockier.

Sow the seed broadcast, using one ounce to about 3 square feet of area, which will yield plants enough to set an acre. In the field set tall varieties 6 feet apart and dwarf varieties 3 feet apart. A slight trellis is advisable in the garden. A moderate amount of water should be applied at the roots at regular intervals.

- OXHEART TOMATO.** A new and remarkable type, being heart-shaped, carries very little acid and few seeds, some fruits weighing 3 lbs. Owing to its being non-acid it can be eaten freely without harm to the most delicate stomach. Solid flesh, beautiful red, very attractive. Fine yielder, for family garden the very best of all tomatoes. Pkt., 15c; oz., 85c.
- EARLIANA (Sparks').** The earliest tall variety. Fruit large, smooth, bright scarlet color, fine quality. Valuable for early market. Pkt., 10c; oz., 40c; ¼ lb., \$1.00; lb., \$3.75.
- JOHN BAER.** A new variety of the extra early red or scarlet type. Has larger, more uniform and more attractive fruits. Most profitable extra early sort. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.
- BONNEY'S BEST EARLY.** An extra early variety. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.
- CHALK'S EARLY JEWEL.** A new variety. Fruit large, smooth, uniform, and well ripened clear to the stem. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.75.

TOMATOES—Continued.

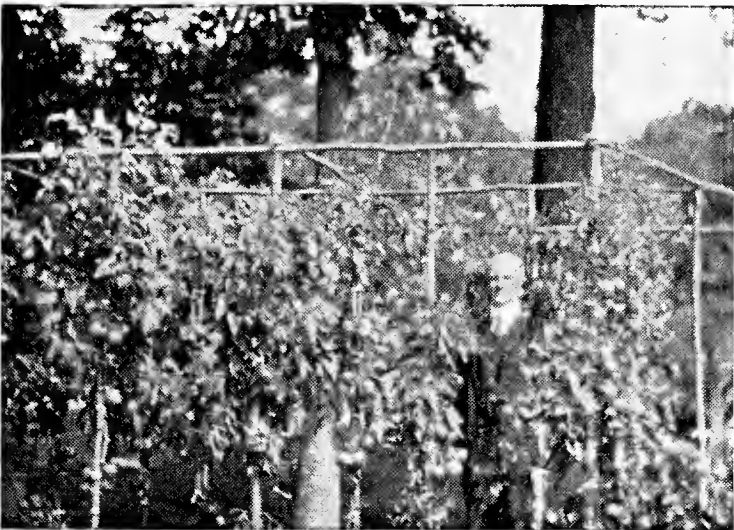
- LIVINGSTON'S DWARF STONE.** The same sort of Tomato as Dwarf Champion, but of stronger growth. Round, red, of medium size and equally early. Prolific and very solid, ripens very evenly and is of excellent quality. Pkt., 10c; oz., 40c; ¼ lb., \$1.50; lb., \$5.00.
- DWARF CHAMPION.** A dwarf variety, sometimes called the tree tomato on account of its upright growth and its ability to stand alone without trellising. Fruit medium-sized, smooth, uniform, and of a purplish carmine color. Oz., 40c; ¼ lb., \$1.25.
- MARGLOBE.** A favorite with the market grower. It bears perfect, deep globe-shaped fruits that are smooth, of a beautiful scarlet color, and of splendid eating quality. ½ oz., 25c; oz., 40c; ¼ lb., \$1.50.
- MATCHLESS.** A tall-growing, prolific variety with large fruit, which is rather flattened, smooth and uniform. Color, bright scarlet. For canning and general main crop market, there is no better tomato grown. Extra selected strain. Pkt., 10c; oz., 50c; ¼ lb., \$1.25.
- PONDEROSA.** An extremely large, irregular-fruited variety. Vine tall, and fruit very solid and purplish carmine in color. Rather coarse and of fair quality only. Pkt., 10c; oz., 50c; ¼ lb., \$1.75.
- GOLDEN QUEEN.** Bright yellow. Best large yellow tomato, smooth and ripens early. Quality excellent. Queen of all the yellows. Oz., 40c; ¼ lb., \$1.25.
- YELLOW PLUM.** Fruits oval, 2 inches long; clear deep yellow. Pkt., 10c; oz., 45c; 2 ozs., 80c; ¼ lb., \$1.25.
- YELLOW HUSK or GROUND CHERRY.** Pkt., 10c; oz., 50c; 2 ozs., 90c; ¼ lb., \$1.50.
- RED CHERRY.** Fruits small, round; rich deep red. Pkt., 10c; oz., 50c; 2 ozs., 90c; ¼ lb., \$1.50.

TURNIPS—for the Table

Steckrube (Ger.)      Pastinaca (It.)

For fall and winter use sow the seed in August, in rows 10 to 18 inches apart, using one ounce to 250 feet of row, thinning the plants when very young to 3 or 4 inches apart. Sow 1 to 3 pounds of seed per acre.

- EARLY SNOWBALL.** A medium globe-shaped variety of pure white. Very solid and of the best quality. Oz., 15c; lb., \$1.00.
- EARLY WHITE FLAT DUTCH (Strap Leaf).** A medium-sized flat variety; clear white, early, and of fine flavor. A fine table variety. Pkt., 10c; oz., 15c; lb., 75c.
- EARLY WHITE MILAN.** Roots flat, smooth and symmetrical; pure white. Top very small, upright and compact. Pkt., 10c; oz., 15c; lb., 75c.
- EARLY PURPLE-TOP MILAN.** Differs from the preceding in that the roots are not quite so thick and are purple on top. Pkt., 10c; oz., 15c; lb., 75c.
- EARLY PURPLE-TOP WHITE GLOBE.** One of the handsomest varieties, the upper portion of the root being a purplish red, the lower pure white. Pkt., 10c; oz., 15c; lb., 75c.



NEW TOMATO PEPPER

Pepper Tomato

A wonderful addition to the vegetable kingdom. 'Twas a happy thought and will give great pleasure to millions of vegetable lovers now and in the future. Pkt., 25c.

**COW HORN.** A long white turnip. Grows to a large size, standing half out of the ground. It is fine flavored and desirable. Cow Horn turnip sown in connection with Rape is one of the newly recommended things for green manuring purposes. Pkt., 10c; oz., 15c; lb., 75c.

TABLE RUTABAGAS  
or Swedish Turnips

Winter Varieties

- SWEET GERMAN or RUSSIAN.** Fine for table or live stock. White, sweet, excellent; fine keeper. Oz., 15c; lb., 75c.
- AMERICAN PURPLE-TOP or LONG ISLAND IMPROVED.** Bred from the "American Purple Top," over which it is a great improvement, being nearly double the size; an immense yielder and good keeper; flesh rich yellow, of fine quality. Oz., 15c; lb., 75c.

HOTKAPS

NEW METHOD OF PLANT PROTECTION

Matures crops earlier; shields plants from wind and rain; protects them from frost and insects; keeps dirt soft—miniature "hothouses"! A revolutionary device that saves farmers much in time, labor and money.

CATALOG PRICES:

1 roll .....	\$11.75	25 rolls—per roll ...	\$10.00
5 rolls—per roll ...	11.00	"Hotkap" Setter ....	2.75
10 rolls—per roll ...	10.50	"Hotkap" Carrier ....	2.75

THE PLANTER'S GUIDE

Time Required for Maturity of  
Different Garden Crops Reck-  
oned from Day of Plant-  
ing the Seed

Beans—String ....	45 to 65 days
Beans—Shell .....	65 to 75 days
Beet—Table .....	65 days
Beets—Stock .....	150 days
Cabbage—Early ..	105 days
Cabbage—Late ...	150 days
Cauliflower .....	110 days
Corn .....	70 to 120 days
Eggplant .....	150 to 160 days
Lettuce—Heading ..	65 days
Melon—Water ....	120 to 140 days
Melon—Musk .....	120 to 140 days

Onion .....	135 to 150 days
Pepper .....	140 to 150 days
Radish .....	30 to 40 days
Squash—Summer ..	60 to 65 days
Squash—Winter ..	125 days
Tomato .....	125 to 150 days
Turnip .....	60 to 70 days
Spinach, average time .....	45 to 65 days

Average Time Required for Garden  
Seed to Germinate

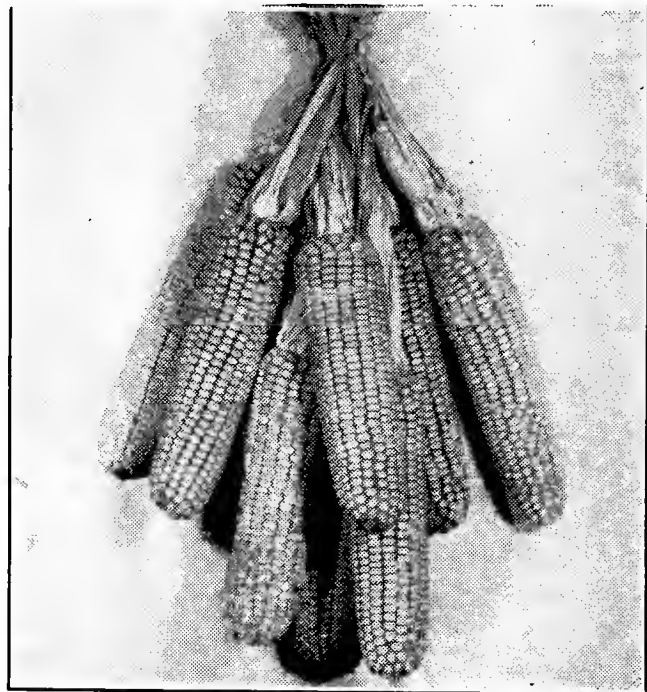
Beans .....	5 to 10 days
Beet .....	7 to 10 days
Cabbage .....	5 to 10 days

Carrot .....	12 to 18 days
Cauliflower .....	5 to 10 days
Corn .....	5 to 8 days
Cucumber .....	6 to 10 days
Endive .....	5 to 10 days
Lettuce .....	6 to 8 days
Onion .....	7 to 10 days
Peas .....	6 to 10 days
Parsnip .....	10 to 20 days
Parsley .....	15 to 21 days
Pepper .....	9 to 14 days
Radish .....	3 to 6 days
Spinach .....	7 to 12 days
Salsify .....	7 to 12 days
Tomato .....	6 to 12 days
Turnip .....	4 to 8 days





Field of Ebeling's Silo Filler Sweepstakes Ensilage Corn Grown by Dean S. Oliver, Oriskany Falls, N. Y.



A Sample of Ebeling's Silo Filler Ensilage Corn Grown by George Robotham, Canastota, N. Y.

## FIELD CORN

**Ebeling's Silo Filler Ensilage Corn or Early Wonderful.** An improved type of the old and reliable so-called Sweepstakes variety, which is also known under many other names, and which was introduced by us for the first time in Central New York in 1912, and our catalog of that year contains description of same.

**Silo Filler Sweepstakes.** Red varieties or Lancaster Sure Crop type seems to be the best, two and three ears to the stalk and stand up fine. Bu., \$2.75.

Samples on application. We have ears of this Corn weighing 1 pound when husked.

### ENSILAGE VARIETIES

**LANCASTER COUNTY SURE CROP SWEEPSTAKES.** Bu., \$2.75.

**LUCE'S FAVORITE.** Bu., \$2.50.

**WHITE CAP YELLOW.** Bu., \$2.50.

**CORNELL NO. 11.** A yellow Dent. Bu., \$2.50.

**PRIDE OF NORTH.** Bu., \$2.50.

**LEAMING.** Bu., \$2.50.

**LATE EUREKA.** Genuine Virginia-grown. Bu., \$2.50.

### HUSKING VARIETIES

**ANGEL OF MIDNIGHT.** Early 8-row yellow. Bu., \$2.50.

**CANADA SMUT NOSE.** Bu., \$2.50.

**LONGFELLOW.** Bu., \$2.50.

**KING PHILIP.** Red grain. 8-rowed ears. Bu., \$2.50.

**SANFORD WHITE FLINT.** Late sort. Bu., \$2.50.

Morrisville, N. Y., R. F. D.

I filled my 14x28 Silo from your Ebeling's Silo Filler Sweepstakes Ensilage Corn of three acres. Also, feeding from this since early September. I was obliged to use four horses in cutting this Corn, as it was extremely heavy, and some of it 16 feet high.

I am sending you a picture of this Corn which I am sure will show you how it looked, and if it pleases you as much as it did us, I shall be very glad. This was the best field of Ensilage Corn in this vicinity, and many farmers in this section called to see it.

GLENN HOWARD.

## Ideal Sugar Mangel Beet

This is a wonderful Mangel. It is a perfect chunk of a Beet, being as large at the bottom as at the top. Stands two-thirds above ground. Is easily harvested even on hard soils. This new and original Mangel has been tested alongside thirty other Mangels and by strict laboratory tests on trial grounds and field demonstrations, has proved to be ideal and superior in quality. Lb., \$1.25; 10 lbs., \$11.50.

A.—Contains the greatest amount of sugar of any Mangel.

B.—Grows high above the ground.

C.—Skin and flesh light yellow.

D.—Greatest yield of saccharine dry matter.

E.—Very easy to harvest.

F.—Best keeper.

G.—Splendid ensilage.

H.—Has yielded 25 tons to the acre.

The value of this Mangel for stock feeding cannot be over-estimated. No one who keeps horses, sheep or cattle should be without these roots for winter feeding.

### IDEAL SUGAR MANGEL BEET

October 30, 1932,

Paris Station, N. Y.

Dear Mr. Ebeling:

Our field of Ideal Sugar Mangel Beets were the finest we ever grew. Some of them weighed nearly 20 pounds each, and were great solid chunks of boot-legged shape Beets.

We found that by sowing very thin our Ideal Mangels grew to unusual size, and growing over two-thirds above ground made harvesting easy. We consider Beet feeding saves us two-third of our feed bill.

I was glad to have you look over our field of Ideal Sugar Mangels so you could see for yourself what a wonderful crop we grew from your seed.

ALBERT C. TOWNSEND.

**Dairymen's League Certificates of  
Indebtedness Accepted as Cash  
in the Purchase of Seed**

# Ebeling's Farm Seeds of Dependable Quality

Every farmer when planting a field, has just one object in mind—to obtain the best crop possible. Better quality, a little extra yield, beyond the crop—means dollars and cents at harvest time. Cheap seeds waste time, labor, and the fertilizer used in preparation for the crops. Progressive, wide-awake farmers do not hesitate to pay a little extra for seeds of known quality. Ebeling's Seeds have stood the test of time. You take no chances—they are the most satisfactory for you to plant.

NOTE.—We buy Dairymen's League Certificates of indebtedness for cash. Send us list.

## ALBERTA CLUSTER OATS

The Famous, Heavy Yielding, Hardy Variety from the Great Northwest.

These Oats are grown and shipped in car lots of about 2000 bushels, from that wonderful Alberta country of the Great Northwest. The soil is a deep, heavy, rich loam, free from foul weeds, and which produces the very best of all grain crops. These Oats have captivated the modern grain-growing farmer in every part of the country because they have proved themselves a big success. It's well known that seed Oats in the Alberta country are unequaled in hardness, height, yield, vigor, in freedom from rust and from foul seeds. Canadian growers are extremely careful in seed selection and the Canadian Government through its rigorous seed laws, has greatly benefited our American farmers. It is safe to say that a more profitable variety of Oats was never offered before in Central New York.

Alberta Cluster Oats compare with the majority of seed Oats in the same way that a blooded Holstein compares with a common scrub animal.

Kernels very plump—weigh up to 45 lbs. to bushel.

These Oats yield from 60 to 100 bushels to the acre. They have big, strong, stiff straw that stands up well on any ground. Their clustered heads are 12 inches long and ripen early. Per bu., \$1.25.

Special prices for 10-bu. lots or more. Ask our agents or write us.

## Other Field Seeds of Quality

	Per Bu.
Canada Field Peas	.....\$2.25
Buckwheat, Japanese	..... 1.25
Buckwheat, Silverhull	.... 1.25
Barley, Alpha, 2-row	..... 1.50
Barley, Oderbroecker, 6-row	1.50
Speltz (32-lb. bu.)	..... 1.50
Spring Rye	..... 2.00
Winter Rye	..... 1.75
Marquis Spring Wheat	... 2.00
Sunflower Seed—Per lb.,	
15c; per 100 lbs.,	\$10.00.
Onondaga Grain Mixture.	
\$5.00 per 100 lbs.	

# Ebeling's Grasses and Clovers (Recleaned)

## For Hay, Meadows and Permanent Pastures

We offer SPECIAL PRICES on all GRASSES and GRAINS listed on this page. "The best in quality and variety is our slogan." Ask for prices and estimates.

**PRINCE EDWARD ISLAND BENT GRASS.** Grown on the Gulf of St. Lawrence, Northwest Canada. This is the best known perennial grass for permanent lawns. Price, \$1.50 per lb.

**RHODE ISLAND BENT GRASS.** A popular and well-known sort of perennial seed for permanent lawns. Lb., \$1.00.

**BLUE GRASS, KENTUCKY FANCY RECLEANED** (Poa Pratensis). Also known as June Grass, Green Grass, etc. One of the best permanent grasses, especially for lawns and meadows. Lb., 30c.

**BLUE GRASS, CANADIAN** (Poa Compressa). Useful for poor, thin and gravel soils. Lb., 35c.

**COOS COUNTY SEASIDE BENT GRASS.** Lb., \$1.00.

**CREeping BENT GRASS** (Agrostis Stolonifera). Excellent for lawns and putting greens. Lb., \$1.00.

**CRESTED DOGSTAIL** (Cynosurus Cristatus). Lb., 40c; bu. (21 lbs.), \$8.00.

**FESCUE, CHEWINGS NEW ZEALAND** (Festuca Chewings). For lawns and putting greens. Lb., 50c.

**FESCUE, HARD** (Festuca Duriuscula). Indispensable in all pasture mixtures. Lb., 45c.

**FESCUE, MEADOW** (Festuca Pratensis). English Blue Grass or Sweet Grass. Lb., 30c.

**FESCUE, RED or CREEPING** (Festuca Rubra). For fine lawns and putting greens. Lb., 45c.

**FESCUE, SHEEP'S** (Festuca Ovina). Valuable for pastures. Lb., 30c; 100 lbs., \$28.00.

**FESCUE, FINE LEAFED SHEEP'S** (Festuca Ovina Tenuifolia). Excellent for lawns and golf courses. Lb., 60c; bu. (14 lbs.), \$8.00.

**MEADOW, FOXTAIL** (Alopecurus Pratensis). A perennial pasture grass. Lb., 60c.

**ORCHARD GRASS** (Dactylis Glomerata). Valuable pasture grass. Lb., 30c; bu. (14 lbs.), \$2.80.

**RED TOP GRASS, Extra Recleaned Seed** (Agrostis Alba). Popular for lawns. Lb., 25c; bu. (32 lbs.), \$8.00.

**ROUGH STALKED MEADOW GRASS** (Poa Trivialis). Fine for lawns. Lb., 50c; bu. (14 lbs.), \$6.50.

**RYE GRASS, ENGLISH**.....\$0.25

**RYE GRASS, ITALIAN**..... .25

**RYE GRASS, DOMESTIC**..... .25

**RYE GRASS, PACEY'S.** This makes a quick growth very early in spring. Per lb., 30c; per bushel of 24 lbs., \$4.00.

**RYE GRASS, Perennial** (Lolium Perenne). Valuable for lawns. Lb., 25c; bu. (24 lbs.), \$4.00.

**SWEET VERNAL GRASS** (Anthoxanthum Odorum). Imparts a sweet odor to hay. Lb., \$1.00.

**TALL MEADOW OAT GRASS** (Avena Elatior). Lb., 35c; bu. (10 lbs.), \$3.00.

**WOOD MEADOW GRASS** (Poa Nemoralis). The ideal grass for heavily shaded lawns. Lb., 90c.

**TIMOTHY** (Phleum Pratense). A valuable hay crop. Sow 8 to 10 quarts if used with other grass seeds.

**JAPANESE MILLET** (Billion Dollar Grass). Japanese Millet is one of the most remarkable forage plants known, often growing six feet tall. Relished as hay by stock of all kinds. If desired for hay, cut just before it heads out. Price, per bu. (32 lbs.), \$3.75.

**SUDAN GRASS.** Sudan Grass is strictly an annual, and dies each year like millet. From seven to nine feet high, with very small stems. Stock prefer it. Sow 10 to 15 lbs. per acre. Price, lb., 15c.

**GOLDEN or GERMAN MILLET.** 50 lbs. to the bushel; 1 bushel to the acre. Per bushel, about \$4.00.

**DWARF ESSEX RAPE.** A forage plant of highest value. Per lb., 15c; 100 lbs., \$12.00.

**SORGHUM or EARLY AMBER SUGAR CANE.** This is the sorghum of the Northern States. Per lb., 8c; bu. (50 lbs.), \$3.50.

**VETCHES or TARES, WINTER** (Vicia Villosa). Also called Sand Vetch or Hairy Vetch. Sow 25 lbs. with one bushel grain per acre. Price, per lb., 25c.

## CLOVERS

**ALFALFA or LUCERNE.** Sow from 20 to 30 lbs. per acre. Market price.

**ALFALFA, GRIMM.** On account of its superior hardness this variety is particularly recommended for growing in northern latitudes. Market price.

**ALSIKE or HYBRID CLOVER** (Trifolium Hybridum). The plant is perennial and very hardy, thriving well on wet soils. Sow 10 to 15 lbs. to acre. Market price.

**RED MEDIUM or MAMMOTH.** This is the common Red Clover so largely grown. We shall be pleased to quote prices at any time.

**WHITE DUTCH CLOVER** (Trifolium Repens). This thrives in almost every soil and climate. Per lb., 60c.

**SWEET CLOVER BOKHARA** (Melilotus Alba). This slightly resembles Alfalfa in growth, but is much taller, with leafier and stiffer stems. Per lb., 20c.

**CLOVER, CRIMSON.** Per lb., 20c.

# Add to the Charm of the Garden with Lasting Ornaments



**Bird Bath, No. 100...\$9.50**  
Height 23 inches; diameter of bowl, 17 inches.  
**Bird Bath, No. 200.\$12.00**  
Height, 31½ inches; diameter of bowl, 23 inches.



**Sun Dial, No. 100...\$8.00**  
Height, 27 inches; diameter of dial, 12 inches.  
**Sun Dial, No. 101 . \$10.00**  
Height, 31 inches; diameter of dial, 12 inches.

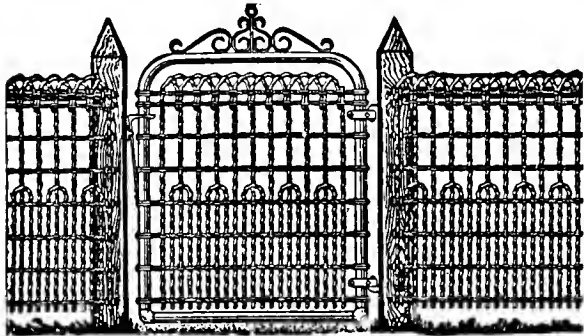


**Flower Urn, No. 300**  
Height, 27 inches; diameter of bowl, 21 inches.  
.....\$15.00

**Flower Urn, No. 302**  
Height, 32 inches; diameter of bowl, 21 inches.  
.....\$17.00



**Bird Bath with Figure and Extension**  
Price, \$25.00 complete as shown above. (Less figure and base, \$15.00).  
This can be used as a fountain by having it piped if desired. This is one of the most attractive pieces of Garden Ornaments we have. Landscape Gardeners and Home Lovers are cordially invited to call and look over our line of garden furniture and lawn ornaments.



**ORNAMENTAL LAWN FENCE GATES, TRELLIS, FLOWER GUARDS**  
Style 600 Fabric, Specifications

Upright or picket wires are No. 9 heavily galvanized, spaced 3 inches apart at top, with an additional No. 9 galvanized picket interwoven so as to give an extra close spacing of 1½ inches at the bottom.

Cable line wires are No. 12, spaced 6 inches apart except the two top cables, which are spaced 2½ inches apart.

Height of Fabric.....	24 in.	30 in.	36 in.	42 in.	48 in.	54 in.	60 in.	66 in.	72 in.	78 in.	84 in.
Number of Cables.....	5	6	7	8	9	10	11	12	13	14	15
Price per lineal foot.....	13c	14c	15c	17c	19c	21c	25c	28c	30c	37c	44c

The extra pickets at bottom of fabric engage the lower cables as follows: 24 in. and 30 in., three lower cables; 36 in. and 42 in., four cables; 48 in. and 54 in., five cables; 60 in. and 66 in., six cables; 72 in. and 78 in., seven cables; 84 in., eight cables. **Special price on 100 ft. or more.**

## NORWOOD TRELLIS

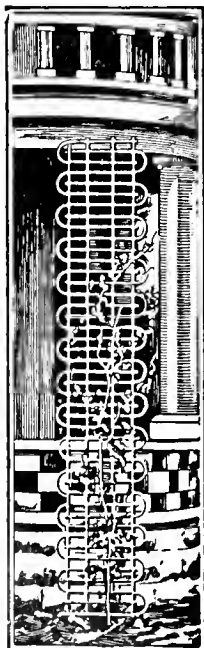
The trellis illustrated is made of large, heavily galvanized wire, is but a trifle higher in price than poultry netting, is more ornamental and will last for years.

No. 107—18 in. wide, list, per lin. ft. \$0.07  
No. 107—24 in. wide, list, per lin. ft. .09  
No. 107—30 in. wide, list, per lin. ft. .11

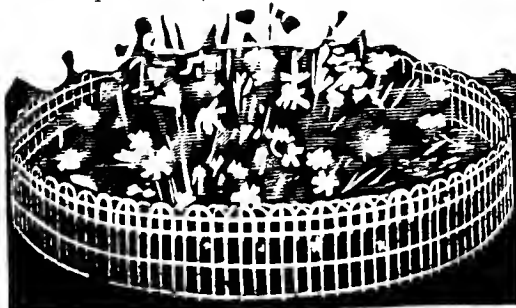
## STYLE NO. 150—FLOWER BED BORDER

Designed for the protection of flowers. Uprights made of No. 9 heavily galvanized wire. Illustration shows Norwood 22-inch border.

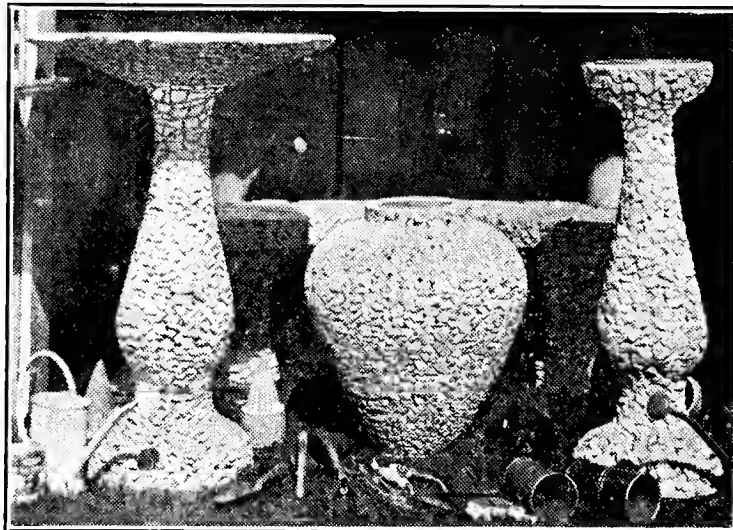
16-inch, list price per lineal foot ....\$0.07  
22-inch, list price per lineal foot .... .09  
28-inch, list price per lineal foot .... .11  
Put up in 165-, 250- and 330-foot rolls.



No. 107.



No. 150.



## GRANITE MOSAIC GARDEN FURNITURE DELUXE

"One by one—each stone hand laid." Enhances the loveliness of the garden and lends a touch of charm by its natural beauty. Through the years Nature has colored so beautifully the stones that are used. **Ask us for special prices.**



PLANT FOOD AND FERTILIZERS



THE IDEAL PLANT FOOD

Specially prepared Plant Growth Activator for Lawns, Flowers, Shrubbery, Gardens, Fruit and Ornamental Trees. BAUGHGRO is a plant food of very high quality, complete in its preparation and contains all the necessary elements except those present naturally in all fairly good soils. These elements are Ammonia, Phosphoric Acid and Potash, all of which are derived from unexcelled high grade sources and processed in well balanced combination.

5 lbs. ....\$0.50      50 lbs. ....\$3.00  
25 lbs. ....1.75      100 lbs. ....5.00

ADCO. Free from foul odor, flies, weed seeds, etc. The process is perfectly simple and not at all laborious. The addition of Adco to the compost pile, or to other vegetable refuse, grass clippings, leaves, etc.; at the rate of two pounds to each wheelbarrow load of refuse, will produce a clean, odorless manure within three or four months. 25 lbs., \$2.00; 150 lbs., \$10.50.

ACID PHOSPHATE 16%. Lb., 5c; 25 lbs., \$1.00; 100 lbs., \$1.90.

ALUMINUM SULPHATE (Commercial Grade). For souring the soil to grow Rhododendrons or Azaleas. 1 lb., 20c; 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$6.00.

AMMONIA SULPHATE. Analyzes about 25% ammonia with the result that stimulation in growth of plant life is noted practically at once. 1 lb., 15c; 5 lbs., 50c; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$6.00.

ASHES, CANADIAN HARDWOOD. Very good in supplying potash, and also greatly benefits mechanical condition of the soil. A very fine lawn dressing. 25 lbs., \$1.25; 50 lbs., \$2.00; per bag of about 100 lbs., \$3.00; per ton, \$40.00.

BLOOD, DRIED. A very quick acting fertilizer being immediately soluble. 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; 50 lbs., \$4.00; 100 lbs., \$6.00.

BONE AND BLOOD. Tankage 9%. For cabbage, cauliflower, corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 500 lbs. per acre. 25 lbs., \$1.70; 50 lbs., \$2.50; 100 lbs., \$3.70; 250 lbs., \$8.75; 500 lbs., \$15.25; 1000 lbs., \$29.00; 2000 lbs., \$56.00.

BONE FLOUR. Very finely pulverized bone. Excellent where immediate effect is wanted. 25 lbs., \$1.50; 100 lbs., \$5.00.

RAW BONE MEAL. 100 lbs., \$4.50. Also another grade of Bone Meal or Ground Bone. 100 lbs., \$3.25.

CALCIUM CHLORIDE. Dust layer and surface binder. One bag will cover about fifty yards, supplied in 100-lb. bags. 100 lbs., \$3.50; per ton, \$60.00.

COTTON SEED MEAL. 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.

COW MANURE. For roses and shrubs. \$3.00 per 100.

FARM FERTILIZERS  
A Liberal Discount to Cash Customers.

	Ammo.	Avail.	Potash	Ton
	Phos.	Acid		
Oats, Barley, Wheat, Corn ..2	12		2	\$44.00
Corn and Grains .....1	9		4	38.00
Onions, Celery, Potatoes ....2	8		10	48.00
Potatoes and Vegetables ....4	8		4	46.00
Potato Grower .....2	8		5	41.00

AGRICULTURAL GYPSUM. A high grade lime product for sweetening heavy and sour soils. 5 lbs., 30c; 10 lbs., 50c; 100 lbs., \$2.25; 500 lbs., \$9.00.

FERTILIS TABLETS. Fine fertilizer for house plants. Simple, effective and odorless. Very popular. 25c.

GRANULATED PEAT. Per bale, 220 lbs. (22 bu.). \$3.25. Some firms offer 180-lb. bales. Note this when buying.

GROUND BONE. Excellent for grass plots, garden, etc. 5 lbs., 30c; 30 lbs., \$1.25; 50 lbs., \$2.50; 100 lbs., \$3.75.

HUMUS. An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with 1½ to 2 inches of Humus and spaded in. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., 85c; 50 lbs., \$1.35; 100 lbs., \$2.25; 500 lbs., \$10.00. ½ ton, \$15.00.

LIME (Hydrated). For lawn and field use where the ground has become sour. 50 lbs., \$1.00; 100 lbs., \$2.00.

NITRATE OF SODA OR CHILI SALTPETRE. Nitrate of Soda is not a substitute for other manures, but one of the cheapest and best forms in which to apply nitrogen to plants. Do not let nitrate touch green growth or it will burn. Remove the lumps before using and break them up, which can be done by pounding. For home garden apply as a solution one ounce to two gallons of water. Price, (subject to market changes), 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; 50 lbs., \$3.00; 100 lbs., \$5.00; 500 lbs., \$25.00.

PEAT MOSS, FINE GRANULATED. For new and old lawns, for your garden, top dressing or mulching around flower and vegetable beds, evergreens, bushes and shrubbery. Can also be used for packing and preserving apples, pears and vegetables. Absorbs the moisture, preventing decay when used in storing your fruits and vegetables, especially in winter. Per bale, \$3.25.

PULVERIZED LIMESTONE. Especially fine for roses. Apply liberally and watch results. An excellent form in which to apply lime which is a neutralizer for soil acidity, liberates nitrogen and other plant food, and stimulates bacterial action. Two tons or more per acre, or by hand in small gardens, a large handful to a square yard. 100 lbs., \$1.00; 500 lbs., \$4.00; 1000 lbs., \$9.00; 2000 lbs., \$12.00.

SACCO PLANT FOOD. Potted plants, porch boxes, flower beds, lawns, garden shrubbery, and ferns. The action of Sacco Plant Food is very quick and a wonderful improvement in growth and appearance of plants will be noticeable in a short time. (See also page 41).

1-lb. tins .....\$0.25      25 lbs. ....\$1.75  
5 lbs. ....50      50 lbs. ....3.00  
10 lbs. ....85      100 lbs. ....5.00

SALT. For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 8000 lbs. to the acre in early spring. 25 lbs., 50c; 56 lbs., 85c.

SCOTCH SOOT (Genuine Imported). Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cutworms. 25 lbs., \$2.10; 50 lbs., \$3.60; 100 lbs., \$6.25; 500 lbs., \$27.50.

SHEEP FERTILIZER. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$2.75. (See page 41).

STIM-U-PLANT TABLETS. A fertilizer in tablet form. The tablets contain the essential plant foods in highly concentrated form and are therefore very convenient for house use. Package, small size, 30 tablets, 25c; medium size, 100 tablets, 75c; large size, (pail), 1000 tablets (enough for season's supply for medium sized garden), \$3.50. Keeps Lawns Fresh and Green.

SULPHATE OF AMMONIA. Used for its nitrogen. A very fine fertilizer for all plants in which a large leaf development or rapid growth is desired. It tends to create an acid reaction in soil. Do not let it touch green growth. Use 1 pound to 50 square feet. 25 lbs., \$2.00; 100 lbs., \$6.00; 500 lbs., \$20.00.

TEROGEN. This unique soil disinfectant—fungicide, insecticide and fertilizer—has played a highly important part in the great success achieved by the nationally known Rose Gardens at Wallingford, Pa.

PRICES:

1-lb. tins .....\$0.75      10-lb. tins .....\$ 4.75  
2-lb. tins .....1.25      25-lb. tins .....11.00  
5-lb. tins .....2.75      100-lb. tins .....40.00  
A 10-lb. tin is sufficient for one application for 30 to 50 plants.

TOBACCO DUST. Lb., 10c; 100 lbs., \$6.00.

TOBACCO STEMS. Placed around the roots of roses and other plants; occasionally recommended as a dressing for grass over winter. Feeds the plants, protects against cold, retains moisture, deters insects. Use from 2½ to 3½ tons per acre; 1 to 1½ lbs. to the square yard. 100 lbs., \$3.00.

VIGORO is a specially prepared plant food. It contains all of the elements necessary to grow flowers, lawns, vegetables, shrubbery and trees. The cost is only 10c to 20c for every 100 square feet. It is clean, odorless, easily sown by hand like grass seed.

12 ozs. ....\$0.10      50 lbs. ....\$3.00  
5 lbs. ....50      100 lbs. ....4.00  
25 lbs. ....1.75

WIZARD BRAND SHEEP FERTILIZER. See Sheep Fertilizer; also on page 41.

Nitragin Cultures

ALFALFA, ALL CLOVERS, VETCH, PEAS, BEANS  
¼ bu.—inoculates 15 lbs. seed— 3 ozs. ....\$0.40  
½ bu.—inoculates 30 lbs. seed— 5 ozs. ....60  
1 bu.—inoculates 60 lbs. seed— 9 ozs. ....1.00  
5 bu.—inoculates 300 lbs. seed—35 ozs. ....4.75  
Garden Size .....25

RICH SOIL OR EARTH—at reasonable prices. In any quantity desired for house plants, window boxes, bulbs, etc. Qt., 10c; ¼ bu., 40c; bu., \$1.00.

## INSECTICIDES

**ANGLEWORM REMEDY.** One teaspoonful corrosive sublimate in 3 gallons of water. Sprinkle on the ground affected by worms, which forces them out and then can be raked up. Also good remedy for ants.  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 50c.

**ANTROL (Ant Remedy).** For killing of sweets-eating varieties of ants that infest and are seen on plants and trees. 4-oz. bottle, 50c; 1-pt. bottle, \$1.00; 1-gal. can, \$4.00; containers, 20c.

**ANTROL SETS.** Consists of a bottle of syrup and four small jars. They have the ability to attract ants at a distance of 10 feet in circumference. The sweetened liquid is a slow poison, and is carried home by the worker. \$1.00 per set.

**APHISTROGEN.** Makes a complete spray for most sucking insects; prepared especially for roses and other plants. 4 ozs., 75c;  $\frac{1}{2}$  lb., \$1.25; 2 lbs., \$3.50; 12 lbs., \$15.00.

**ARSENATE OF LEAD POWDER.** Superior to paste in that it does not deteriorate from standing. Use 1 to  $1\frac{1}{2}$  lbs. to 50 gallons of water. Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$3.00; 25 lbs., \$6.25.

**ASTOGEN.** For Fungus, Aphis, and Insects. New remedy for root aphis, cut-worms and other soil insects—affecting asters and other similar plants. 2 lbs., 75c.

**ATLACIDE DRY WEED KILLER.**

1-lb. size—kills 100 sq. ft. weeds—each.....\$0.50  
 $3\frac{1}{2}$ -lb. size—kills 350 sq. ft. weeds—each..... 1.50  
 50-lb. drum—kills 5,000 sq. ft. weeds—per lb. .... .20

**BLACK FLAG.** For fleas, flies, bedbugs, mosquitoes. 25c; 45c and 75c.

**BLACK LEAF 40.** A concentrated nicotine solution for aphids, thrips and red spider. Dilute one ounce to from 3 to 6 gallons of water. Oz., 35c; 5 ozs., \$1.00;  $\frac{1}{2}$  lb., \$1.50; 2 lbs., \$3.50; 5 lbs., \$7.00; 10 lbs., \$11.85.

**BORDEAUX MIXTURE, Powder.** Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50.

**BUG DEATH.** Lb., 20c; 3 lbs., 50c; 5 lbs., 70c;  $12\frac{1}{2}$  lbs., \$1.70; 100 lbs., \$9.50.

**CARBOLINEUM.** 1 to 2 gals., \$1.75 per gal.; 5 gals., \$1.40 per gal.

**CED-O-GEN (4-in-1 Spray).** Page 53 for particulars.

**CED-O-FLORA PLANT SPRAY.** Sure death to mealy bugs, red spider, scale. 3 ozs., 35c; 8 ozs., 70c; pt., \$1.25; qt., \$2.00.

**COOPER'S SHEEP DIP.** Pkg., 60c and \$2.00.

**COPPER SULPHATE OR BLUESTONE.** Lb., 15c.

**CROW DOPE REPELLENT.** Prevents crows pulling your corn. 1-bu. size, 60c; 2-bu. size, \$1.00; 4-bu. size, \$1.50.

**CUT WORM KILLER.** 1 lb., 30c; 5 lbs., \$1.25.

**CYANOGEN (Calcium Cyanide).** For woodchucks, rats, ants, moles. Pkg., 50c; lb., 75c; 5 lbs., \$3.00.

**EVER GREEN (Non poisonous insecticide, can be mailed).** Kills plant pests, cucumber and melon beetles, cabbage worms, rose slugs, leaf hoppers, currant worms, etc. Harmless to man, live stock, pets, birds. Spray freely on the tenderest plants. 1-oz. bottle, 35c; 6-oz. bottle, \$1.00; pt., \$2.00; qt., \$3.85; gal., \$13.00.



**FEROGEN.** A remarkable plant food, soil stabilizer and ground dressing for your roses. Should be cultivated into your rose beds early in the spring. 1-lb. can, 75c; 2-lb. can, \$1.25; 5-lb. can, \$2.75.

**FISH OIL SOAP.** Lb., 45c; 5 lbs., \$1.50.

**FUME TOBAC.** \$14.50 per 100; lb., 20c.

**FUNGTOGEN.** A most effective remedy for mildew, black spot and diseases of roses. Will not discolor the foliage. Pt., \$1.25; qt., \$2.00;  $\frac{1}{2}$  gal., \$3.50; gal., \$6.00. (Not mailable).

**GRAFTING WAX.**  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; lb., 60c.

**GRAPE DUST, Powder.** A remedy for mold and mildew. Ready for use. 1 lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.80.

**HELLEBORE.**  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; lb., 60c.

**HERBICIDE WEED KILLER.** Pt., 40c; qt., 75c; gal., \$2.00.

**INSECTROGEN.** A complete spray. Poison, fungicide and fertilizer. Highly effective for leaf chewing insects, and an equally efficient detergent for black spot on roses, and mildew and red spider on phlox. 4 ozs., 60c;  $\frac{1}{2}$  pt., \$1.00; pt., \$1.75; qt., \$2.75;  $\frac{1}{2}$  gal., \$4.50. (Not mailable).

**K-R-O.** The best rat exterminator. Non-poisonous to animals, deadly to rats and mice only. Pkg., 75c.

**LIME AND SULPHUR.** Standard remedy for scale and certain fungus. Use 1 part to 9 parts of water. Not a poison, kills only by direct contact with the insect. For fall, winter and spring use. Gal., 60c; 5 gals., \$2.50; 10 gals., \$4.50; bbl. lots special prices.

**LIME-SULPHUR, DRY.** Exactly like lime-sulphur. For fall and spring sprayings. Use 12 to 15 lbs. to 50 gallons of water. Lb., 35c; 5 lbs., \$1.40; 10 lbs., \$2.40; 25 lbs., \$4.75; 50 lbs., \$8.00; 100 lbs., \$15.00.

**NICO-FUME, Liquid.** For spraying and vaporizing.  $\frac{1}{4}$  lb., 75c; lb., \$2.25; 4 lbs., \$7.00; 8 lbs., \$12.00.

**NICO-FUME TOBACCO PAPER.** For fumigating. 24 sheets, \$1.25; 144 sheets, \$5.00; 288 sheets, \$9.00.

**"NICO-FUME" TOBACCO POWDER.** Not mailable. Tobacco Powder impregnated with a high strength nicotine solution. Lb., \$1.00; 5 lbs., \$4.00; 10 lbs., \$7.00.

**PARIS GREEN.**  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 30c; lb., 50c.

**PERFECT CHICKWEED ELIMINATOR.** Qt., 75c; gal., \$2.00; 5 gals., \$9.00; 10 gals., \$17.00; 25-gal. drum, \$35.00.

**PYROX.** Sticks like paint; kills all leaf-eating insects. Use 1 pound to from 5 to 10 gallons of water. Lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$10.75; 100 lbs., \$15.50. (See also page 41).

**RAT NIP.** For rats and mice. Tube, 35c.

**RED ARROW.** An effective, non-poisonous solution that is deadly to all insects. Will not burn, blight, or stain the most tender foliage. May be used on fruits and vegetables before eating. Fine for the garden or greenhouse. Economical, used greatly diluted with water. Recommended for caterpillars, Mexican bean beetle, cucumber beetle, rose aphids, rose slug, leaf hoppers, aster beetles, cut-worms, sow bugs, wire worms, root lice, Japanese beetle, white fly, dahlia beetles, and many others. Dilute with 200 to 800 parts of water. Full instructions with every bottle. Oz., 35c;  $\frac{1}{2}$  pt., \$1.75; pt., \$3.50; qt., \$6.00.



**ROSE REMEDIES.** For rose beetles, etc. We recommend **EVER GREEN, BLACK LEAF "40"** as being effective and simple. Both listed on this page.

**SCALECIDE.** 1 qt., 65c; gal., \$1.50; 5 gals., \$6.00.

**SEMESAN BEL.** An instantaneous dip disinfectant for seed potatoes. 4-oz. tin, 50c; 1-lb. tin, \$1.75; 5-lb. tin, \$8.00; 25-lb. pail, \$31.25; 100-lb. drum, \$120.00.

**SEMESAN.** See page 41.

**SEMESAN-SPRAY.** For preventing and controlling brown canker, black spot and mildew of roses. 2 ozs., 50c; lb., \$2.75; 5 lbs., \$13.00. (Not mailable).

**SHEPS SPRAY.** Full directions on each bottle.  
 2-oz. bottle—makes 4 gals. spray sol.—postpaid .....\$0.35  
 8-oz. bottle—makes 16 gals. spray sol.—postpaid ..... .75  
 1-pt. bottle—makes 32 gals. spray sol.—postpaid ..... 1.25

**SLUG SHOT.** 1-lb. carton, 20c; 5 lbs., 75c; 25 to 50 lbs., 10c per lb.

**SNAROL.** An effective bait for slugs, cutworms, snails, grasshoppers and other garden pests. A ready prepared meal for broadcasting on the ground under the plants; does not deteriorate from rain or sprinkling.  $1\frac{1}{2}$  lbs., 50c; 4 lbs., \$1.00; 15 lbs., \$3.50.

**STIM-U-PLANT.** The magic fertilizer in tablet form. Small size, 25c, postpaid.

**STOP-VERMIN** is an insecticide and fungicide. Stops ravages of maggots, root-worms, cutworms, grubs, striped beetles, squash bugs, cabbage worms and all other insect pests, which eat the leaves, stems or roots. Lb., 65c; 5 lbs., \$2.35; 10 lbs., \$4.00; 25 lbs., \$9.00.

**SULPHO-TOBACCO SOAP.** 25c.

**SULPHUR, Powdered.** For mildew. Lb., 10c; 5 lbs., 50c; 100 lbs., \$8.00.



For the control of scale insects, red spider, aphids, thrips, etc. Cheap, effective and pleasant to handle. Gal., \$1.50; 5 gals., \$5.75; 15 gals., \$12.00; 30 gals., \$20.00; 50 gals., \$26.00.

**TEROGEN.** Insecticide-fungicide for rose gardens. Fertilizer and soil disinfectant. Destroy insect pests and disease before they can attack.

1-lb. tin .....\$0.75  
 2-lb. tin ..... 1.25  
 5-lb. tin ..... 2.75  
 10-lb. tin ..... 4.75

See also page 37. Ask for particulars.

**THRIP JUICE.** Pt., 75c; qt., \$1.35; gal., \$3.75.

**TOBACCO DUST.** 10c per lb.

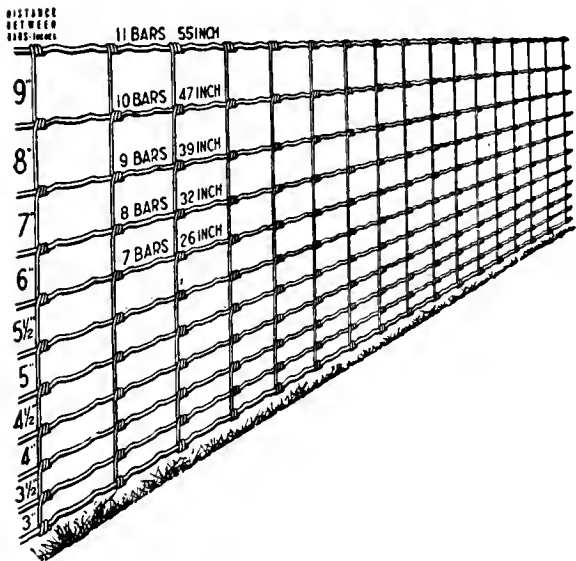
**TOBACCO STEMS.** Lb., 5c; per bale, \$2.50 and \$3.50.

**VOLCK.** Spray for the control of red spider, mealy bug, scale, thrips, white fly, aphids and rose mildew. Combines with nicotine and lead arsenate.  $\frac{1}{2}$  pt., 50c; pt., 75c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.50; 14 gals., \$27.50.

**WEED KILLER (Herbicide).** Qt., 75c;  $\frac{1}{2}$  gal., \$1.25; gal., \$2.00. Dilution 40 to 1. Very effective.

Zinc Insulated

Trade Mark



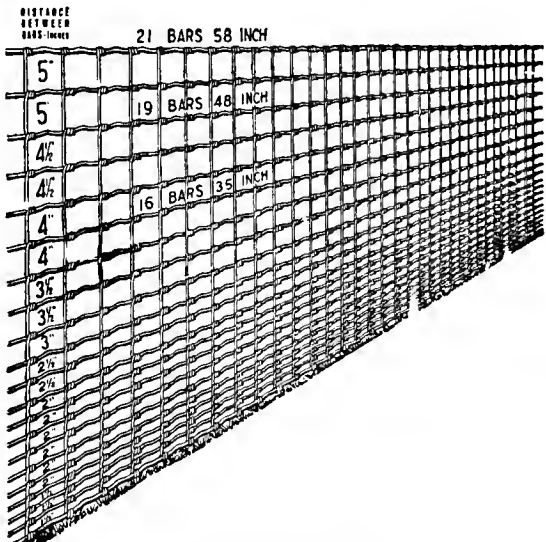
**AMERICAN FENCE**

Zinc Insulated American Fence is the highest quality fence made. Its wires are insulated with a heavy uniform coating of zinc which makes it proof against all weather conditions. When you buy American Fence, you pay just what you would for ordinary fence but you easily get twice the value for your money.

A Wonderful Fence

There's no better fencing made for hogs, cattle, poultry or rabbits. It makes an ideal garden fencing. It's strong, thoroughly practical, and more durable than netting. The light specifications are strong enough to turn stock.

This fencing comes in 6 to 21 bars, in 6- and 12-inch stays, 24 to 58 inches high.



FIELD FENCING

For Horses, Cattle, Sheep and Hogs

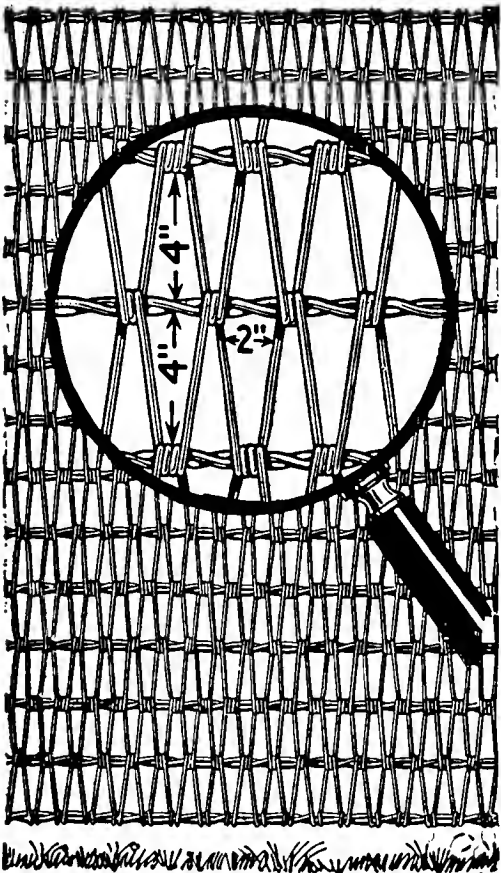
We carry a complete stock of following styles as listed below.

Styles not listed furnished on short notice. Owing to market changes we will be pleased to quote on application.

No. of Wires	Inches High	Stay	Wire
8	32	6-inch	No. 11
9	39	6-inch	No. 11
10	47	6-inch	No. 11
6	35	12-inch	No. 11
8	45	12-inch	No. 11

POULTRY FENCE  
Price List

	Per Rod
1948 x 6—No. 14 1/2	\$0.70
2158 x 6—No. 14 1/2	.75



Diamond Lawn Fence

	Light per ft.	Heavy per ft.
58-inch	\$0.14	\$0.16
50-inch	.12	.14
42-inch	.10	.12
34-inch	.08	.10

**THE LOTT FENCE STRETCHER** is the only tool necessary for putting up the American Field and Hog Fencing. Every farmer should own this Stretcher. Price, \$12.00.

Steel Fence Posts

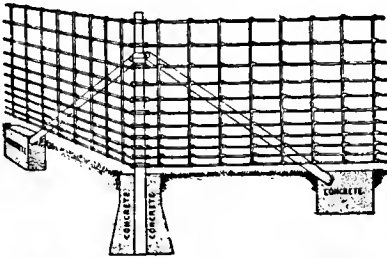
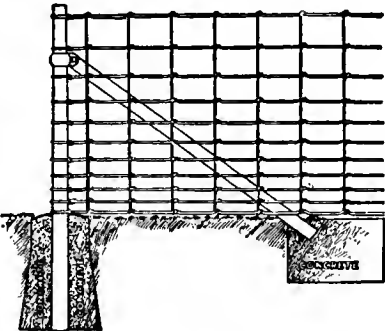
These posts will make the strongest foundation for your fence. Banner Line Posts and American End and Corner Posts.

LINE POSTS, 5, 6, 6 1/2, 7, 8, 9 feet.

CORNER POSTS, 8 feet.

END POSTS, 8 feet.

Prices on application.



We carry a complete stock of BANNER PAINTED POSTS and GALVANIZED TUBULAR POSTS.

Prices on Application

12-ft. American Gates, 50-inch, plain top.	
14-ft. American Gates, 50-inch.	
3-ft. American Walk Gates, 42-inch, plain top.	
4-ft. American Gates, 42-inch, plain top.	
Lott Fence Stretcher	\$12.00

Can't Sag Farm Gate

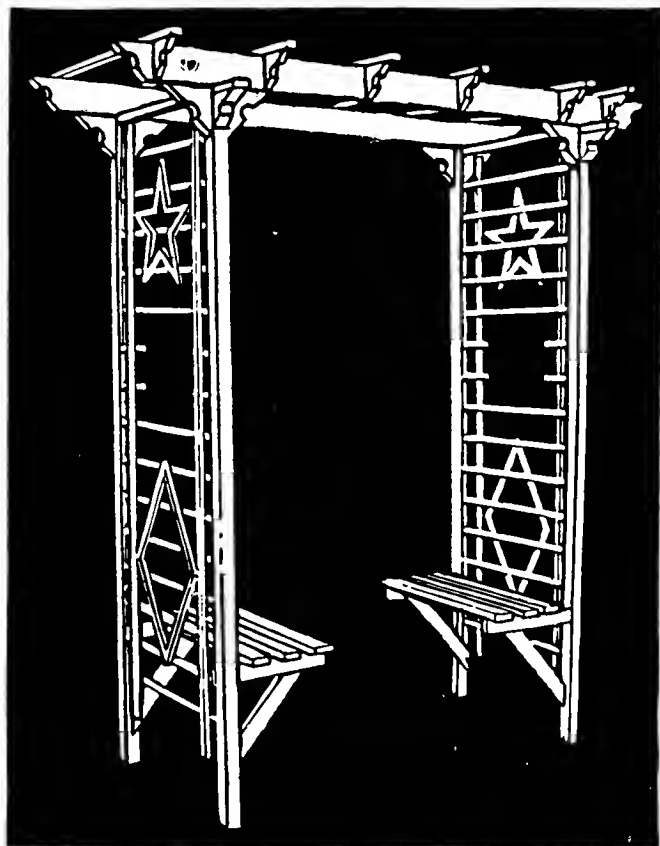
Price—12-ft., \$8.00; 14-ft. gate, \$8.50; steel metal parts for "Can't-Sag Gate," \$4.00.

Be sure to read page 53.

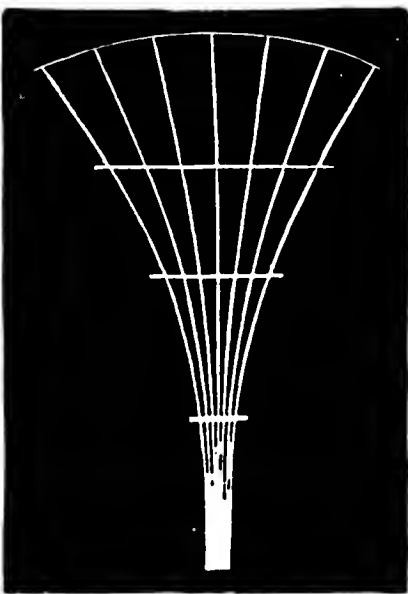




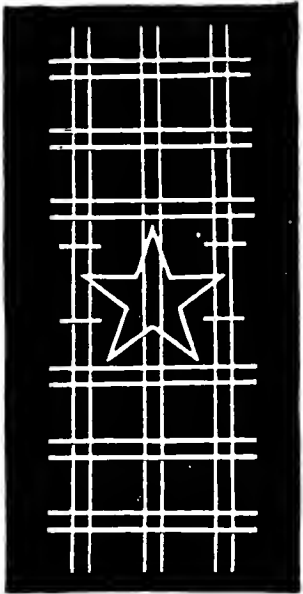
Garden Furniture, Arbors, Trellises, Etc.



No. 78—Beverly Pergola, \$16.50



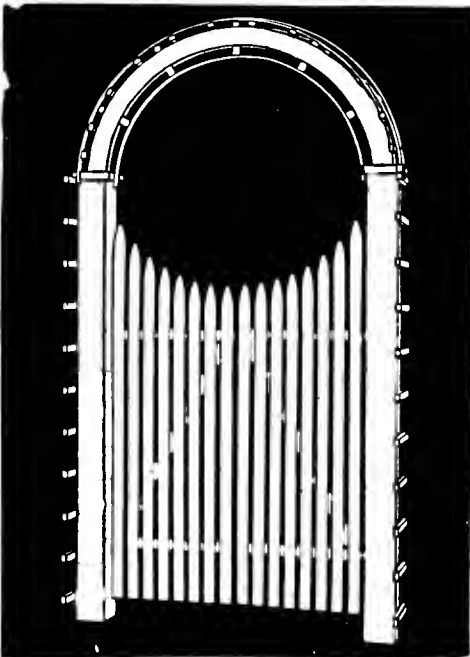
Fan Trellis,  
all sizes and prices



No. 58  
Star Trellis, \$2.75

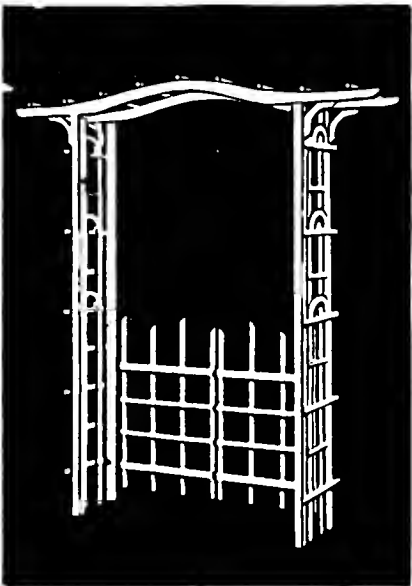
PRICE LIST	
Beverly Pergola with seat, No. 78.....	\$16.50
Hollywood Pergola, No. 66.....	12.60
Dreamland Gateway, No. 132, complete.....	18.00
Dreamland Gateway, No. 132, less gates.....	14.50
Garden Archway, No. 122.....	13.25
Garden Archway, No. 122, less gates.....	10.70
Flower Box, No. 200.....	1.80
Flower Box, No. 201.....	3.00
Flower Box, No. 202.....	3.00

Rose Ladder Trellis, No. 105.....	\$2.30
Double Triangle Trellis, No. 52.....	2.00
Fan Trellis, No. 6.....	1.40
Fan Trellis, No. 8.....	1.70
Adjustable Trellis, No. 35.....	1.55
Roseland Trellis, No. 48.....	3.40
Diamond Trellis, No. 53.....	2.00
Diamond Trellis, No. 159, 10 ft.....	3.85
Star Trellis, No. 58.....	2.75
Wildwood Trellis, No. 108.....	2.80
Craftsman Trellis, No. 28.....	4.50
Utility Trellis, No. 29.....	5.60
Double Circle Trellis, No. 20.....	3.10
Paramount Trellis, No. 16.....	2.30
Adjustable Trellis, No. 47.....	2.10
Adjustable Trellis, No. 71.....	3.25
Sweet Pea Trellis, No. 61.....	1.35
Bungalow Panel Trellis, No. 100.....	3.00
Fan Trellises in all sizes and prices, from 2 to 10 ft.	
White Picket Fence (per ft.).....	.15
Snow Fencing (in 50 ft. rolls, per ft.).....	.15



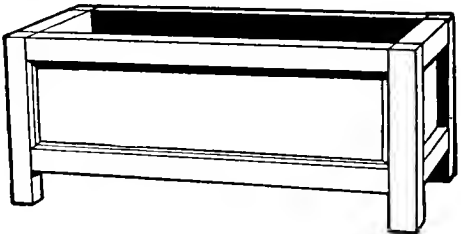
Dreamland Gateway, No. 132

A very pleasing design with double gates. A lovely entrance to a flower garden, lawn, etc. When covered with flowering vines it truly presents a wonderfully attractive appearance. Height 8 ft. Width 41 inches.  
Price complete.....\$18.00  
Without gate..... 14.50



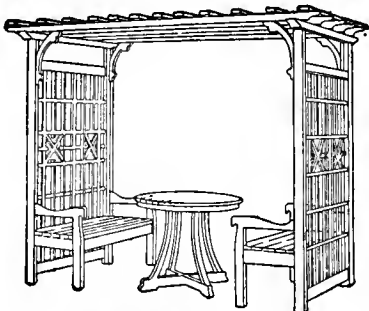
Garden Archway, No. 122

Especially designed for a garden archway. Strongly built and very attractive in appearance. Covered with roses and flowering vines it forms a most charming entrance to any garden. Height 7 ft. Width 4 ft.  
Complete with gates.....\$13.25  
Without gates..... 10.70



Flower Box, No. 201

For porches, windows, etc. Length 27 inches, width 13 inches, height 11 inches. Painted green or white. Each, \$3.00.



Arbor Pergola with Table  
Price \$75.00

Garden Fence Made to Order, Also  
Garden Furniture

# FERTILIZERS

Fertilize Your Lawn and Flowers With

## WIZARD

Everybody can get wonderful results with Wizard because it is a safe, natural fertilizer that does not burn plants. Wizard has a lasting, beneficial effect on the soil. It supplies the humus and natural food that all plants need to develop their real beauty. Wizard is positively weedless, highly concentrated, and easy to use. It is very economical—one bag equals a whole wagon load of stable manure.

**LAWNS.** Make an application of Wizard early in spring if you want a thick, velvety, green turf of lasting beauty.

**FLOWER GARDENS.** Luxuriant green foliage and vivid colored flowers are the result of using Wizard. Broadcast 10 lbs. to 100 sq. ft. of garden soil. Mix a handful with the

soil under each new plant—more for vines, shrubs and trees. Light applications during the growing season will prolong blooming.

**VEGETABLES AND FRUIT.** Every practical gardener knows that there is nothing better than manure to grow big, profitable crops. Wizard produces big crops of crisp, tender vegetables. Fruit crops respond quickly and show improved yield, color and flavor. Use 1000 to 1500 lbs. per acre.



Prices: 5 lbs., 30c; 10 lbs., 50c; 25 lbs., 90c; 50 lbs., \$1.50; 100 lbs., \$2.75.

# VIGORO

*Specially prepared plant food*

Grows Beautiful Lawns, Flowers and Vegetables

Successful gardening is dependent upon proper feeding. Not the old make-shift methods but with a complete plant food containing all the elements that plant life requires for healthy growth.

Such a food is Vigoro. Complete, properly balanced, clean and odorless. It can be sown by hand like grass seed.

For a thick growth of healthy grass, beautiful flowers, leafy shrubs and trees, and crisp vegetables, use Vigoro.

Full directions in every bag. Get enough now for everything you grow.

5-lb. bag .....\$0.50      50-lb. bag .....\$2.50  
25-lb. bag ..... 1.50      100-lb. bag ..... 4.00

### VIGORO SPREADERS FOR PLANT OR LAWN SEED

"Little" Vigoro Spreader (14 in. wide) ..... \$1.95  
"Junior" Vigoro Spreader (14-in. spread) ..... 5.95  
"Standard" Vigoro Spreader (24-in. spread) ..... 10.45  
"Special" Vigoro Spreader (36-in. spread) ..... 16.25

## SACCO—Makes Things Grow

Sacco is the finest of fertilizers—a soil rectifier and growth producer for lawns, gardens, shrubs, flowers, trees, potted plants and vegetables. It is a well balanced preparation containing all the feeding elements essential to the perfect growth and development of all plants.

Sacco is clean and without offensive odor.

12 ozs. ....\$0.15      25 lbs. ....\$1.75  
5 lbs. .... .50      50 lbs. .... 3.00  
10 lbs. .... .85      100 lbs. .... 5.00

# INSECTICIDES

## NICOTINE PYROX

Here's how to have the most beautiful flowers and the most luscious vegetables in your neighborhood.

Thirty-one kinds of bugs and worms are trying to make a **FREE LUNCH** of your garden. Declare war on them! In the battle against these bugs, mankind has always been on the losing side. Savages—animals—diseases—have been conquered. But since Pharaoh's time, when the locust over-ran Egypt, the bugs have been winning. There are more insect pests today than ever before.



Science has now given us a perfected weapon to fight the plague of insects. It is Nicotine Pyrox—Pyrox, which has enjoyed the favor of growers for thirty years, treated with nicotine. Never before have gardeners been able to get **ONE** Spray that will destroy the thirty-one kinds of bugs and worms that menace vegetables, fruits, shrubs and flowers.

If you have but a single rosebush, or a dozen tomato plants, you need Nicotine Pyrox. No need to bother with crude, messy, ineffective sprays. Nicotine Pyrox is all you need to kill both sucking and chewing bugs, control blights and other diseases and stimulate plant growth. Just add water.

### PRICES:

Small Size—enough to make 2 gallons of spray .....\$0.50  
Large Size—enough to make 8 gallons of spray .....1.75

Standard Pyrox differs from Nicotine Pyrox only in that it has not been treated with nicotine and consequently will not kill aphids or sucking insects. Many farmers will wish to continue using Standard Pyrox to kill chewing insects, control disease and increase yields. Users of Standard Pyrox for the past thirty years have found that when used for vegetables and small fruits, it frequently increases yields 20% and more. It is indispensable for hardy and vigorous foliage, even when there are no evidences of bugs or blight.

Pyrox is easy to use. Just mix with water in accordance with directions and in five minutes you will have a perfect mixture which will spray like mist through the finest nozzle. One pound of Pyrox makes 5 to 6 gallons of spray.

Prices: Lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$10.75; 100 lbs., \$15.50; 300-lb. bbl., \$43.50.

Use Regular or Nicotine Pyrox for all vegetables, small fruits and flowers. Will rain wash it off? Try it and see.

## Seed Disinfectants

Reduce crop costs, increase yield and quality.

**SEMESAN.** For Vegetables, Flower Seeds and Bulbs. 1 oz. treats 15-30 lbs. seed.

2-oz. tin .....\$0.50      5-lb. tin .....\$11.75  
1-lb. tin ..... 2.50      25-lb. pail ..... 46.25

**SEMESAN BEL.** An efficient dip for potatoes. One oz. per bu. of seed.

4-oz. tin .....\$0.50      5-lb. tin .....\$ 8.00  
1-lb. tin ..... 1.75      25-lb. pail ..... 31.25

**CERESAN.** To prevent Smut in Oats and Barley. 3 ozs. per bu. of seed. Also Gladiolus and Narcissus Bulbs.

1-lb. tin .....\$0.75      5-lb. tin .....\$3.00

**NEW CERESAN FOR WHEAT.** The cheapest and best dust disinfectant. ½ oz. per bu.

1-lb. tin .....\$0.75      5-lb. tin .....\$3.00

**DU BAY (738).** A field dust to prevent Lettuce Bottom Rot. Increases percentage of salable heads.

25-lb. pail (enough for an acre) .....\$12.50

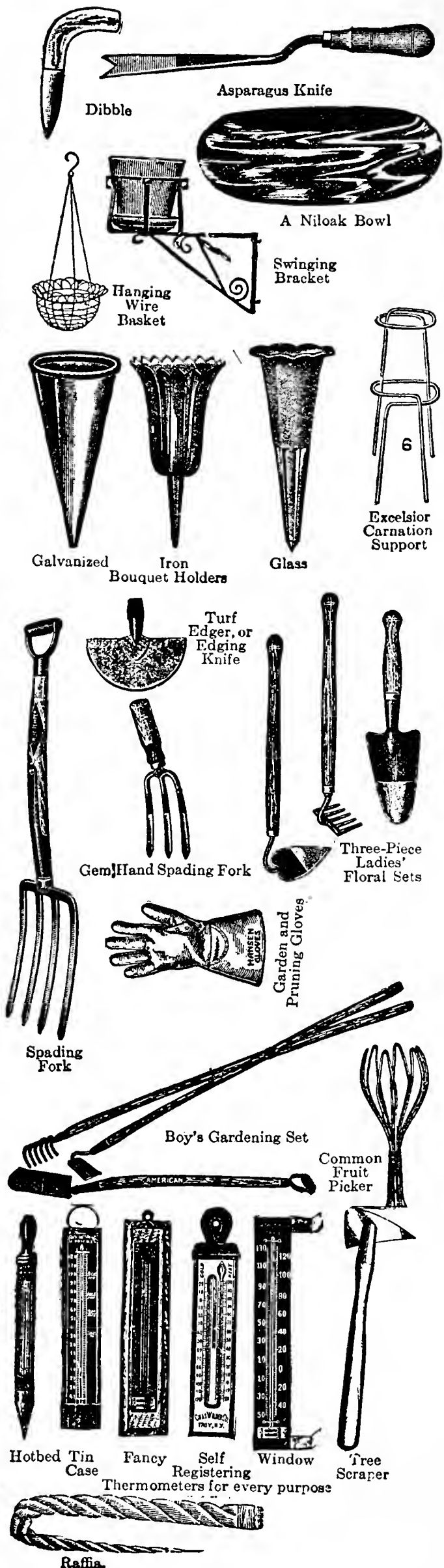
**NU GREEN.** Prevents "Brown Patch" in lawns, parks, golf greens. 1 lb. per 1,000 square feet.

3-oz. tin .....\$0.50      5-lb. tin .....\$8.00  
1-lb. tin ..... 1.75      25-lb. pail .....30.00

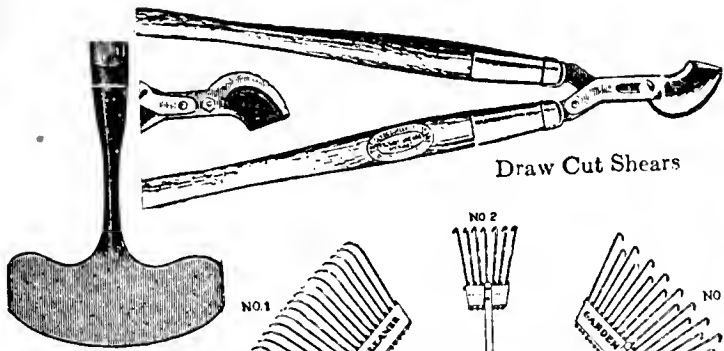
Ask for Free Descriptive Pamphlet for Any Crop Desired.

**Asparagus Knife.** 35c.  
**Bamboo Canes.** All prices.  
**Barrel Pumps.** \$10.00. Page 46.  
**Bird Baths.** See page 36.  
**Brackets.** For pots and shelves. 55c, 65c, and 75c.  
**Brooms, Brush.** 50c; **House,** 75c, 95c, \$1.10; **Stable,** \$1.25; \$1.35; **Push,** \$1.50.  
**Brushes** of every kind and use.  
**Brushes** of every style and price. 10c to \$4.00.  
**Bulb or Seed Pans.** See page 55.  
**Hanging Pots and Baskets.** See page 55.  
**Hanging Pot Chains.** 35c.  
**Neponset Paper Pots.** Page 55.  
**Saucers and Vases.**  
**Pots and Saucers.** See page 55.  
**Florist Vases.** Fibre.  
**Bulb Bowls.** 25c to \$2.00.  
**Bouquet Holders or Cemetery Vases.** Galvanized Iron, Tin. 25c and 15c.  
**Carnation Supports.**  
**Celery Tape.** \$1.25 and \$1.50.  
**Cemetery Urns.**  
**Cider Presses.**  
**Cider Mills and Fruit Presses.**  
**Corn Poppers.** 35c, 45c, 50c, 75c. Electric, Gas, Stove use.  
**Dibbles.** 65c, 75c, 85c.  
**Dusters.** For dusting dry Insecticides. 45c, 85c.  
**Edging Knives or Turf Edgers.**  
**Egg Carriers.** Metal, for Parcel Post. Page 51.  
**Fibre Ware.** Pots and saucers, unbreakable.  
**Flower Pots, etc.** See page 55.  
**Floral Tools or Gardening Sets.** 50c, 75c, \$1.00, \$1.85, \$2.25, \$2.85.  
**Children's or Ladies' Sets.**  
**Forks, Haying, Spading, Potato Hooks.**  
**Flower Gatherers** for cutting and holding flowers.  
**Fruit Pickers.** 75c.  
**Fumigators.**  
**Fruit Presses.**  
**Garden Borders.** See page 36.  
**Garden Lines.**  
**Garden Line Reels.** \$1.00.  
**Gazing Globes.** \$7.50 and up  
**Glazing Points.** 50c, 60c box.  
**Glazing Putty.** Mastica, \$2.75 per gal.; Mastica Machines, \$3.50 each.  
**Gloves.** Gardening and Pruning, for ladies, 25c, 35c; for men, 25c, 35c, 50c.  
**Grafting Chisel.** \$1.50.  
**Grafting Tools, or Knives.**  
**Grafting Wax.** Lb., 60c; ½ lb., 35c; ¼ lb., 20c.  
**Grass Catchers.** See page 45.  
**Grass Hooks or Sickles.** 75c, 95c, \$1.00.  
**Grass Shears.** 50c, 75c, 90c, \$1.25, \$1.50, \$2.50.  
**Hanging Baskets.** All prices.  
**Hedge Shears and Pruners.**  
**Hedge Trimmers.** See page 45.  
**Hoe and Wheel Cultivators.** Page 47. Planet Jr.  
**Hoes.** All sizes and prices. 50c, 75c, 85c, 95c.  
**Hoes, Grub.** \$1.25.  
**Kinney Pump Attachment.** \$3.50.  
**Norcross Hoe Cultivator.** 85c, \$1.25.  
**Pronged Hoe or Potato Fork.** \$1.00, \$1.25.  
**Scuffle.** Dutch or English. 75c.  
**Warren Common Hoes.** All sizes.  
**Garden Hose.** All sizes and prices. 15c and 16c per ft.  
**Clincher Hose Couplings.** 25c.  
**Hose Menders, Cooper's.** 15c ea.  
**Hose Reels.** \$2.00 to \$5.00.  
**New Boston Graduating Nozzle.** 75c.  
**Nozzles** for spraying Insecticides. \$1.00.  
**Sprayer Nozzles** for Hose. 85c.  
**Hotbed Sash.** Ask for prices.  
**Hyacinth Glasses.** See fall bulb catalog.  
**Knives.** Budding and Pruning, all sizes and prices. \$1.25, \$1.75.  
**Lawn Sprinklers, Fountain or Ring,** 85c; **Rain King,** \$3.50; **Lawn Life,** \$1.00; **Tu-Way,** \$1.25.  
**Labels, Pot.** \$2.00 to \$3.25 M; **Garden,** \$3.00 to \$13.00 M; **Dahlia or Tree Labels Wired,** 10c doz., 45c C, \$3.00 M.

**Mastica (Liquid Putty).** See page 50. \$2.75 per gal.  
**Mastica Machines.** \$3.50 each.  
**Mole Traps.** \$2.75.  
**Mulford Culture.**  
**Plant Supports, "Adjusto."** See page 55. 20c, 25c each.  
**Plant Boxes for Windows.**  
**Wood,** 24-in., \$1.35; 30-in., \$1.75; 36-in., \$2.60; 42-in., \$3.15; 48-in., \$3.75.  
**Plant Stands.** Wire, \$6.50.  
**Plant Sprinklers.** Rubber, 75c, \$1.00, \$1.25.  
**Plant Stakes, Bamboo.** Natural, tapering to a point; **Chinese Tonkin Canes,** tough as bamboo, 4-ft., 6c; 5-ft., 8c; 6-ft., 10c. **Green Bamboo,** small, 18-in. to 4-ft., 75c to \$1.75 per C. **Japanese Canes,** Natural, Round, tapering, green; Square, tapering, green.  
**Plant Tubs.** See page 55.  
**Peony Supports.**  
**Pruning Saws.** \$2.00.  
**Pruning Scissors.** \$1.50.  
**Pruning Shears.** Ladies', 50c; \$1.75; French, \$3.00; Branch or Lopping Shears, \$4.00.  
**Putty.** Twemlow's Liquid, \$3.50 per gal.; Mastica, \$2.75.  
**Raffia.** See page 55.  
**Rakes.** Bamboo. 75c, \$1.00.  
**Rakes.** Reversible Wire Lawn. \$1.25, 85c.  
**Rakes.** Reversible Wood, self cleaning. \$1.25, \$1.90.  
**Rakes.** Steel Garden. 90c, \$1.30.  
**Rakes.** Snap-tooth, No. 1, \$1.00; No. 2, 85c; No. 3, \$1.25.  
**Reed for Basketry.** Page 55.  
**Rollers.** Waterweight. Page 45.  
**Sash for Hot Beds.** Ask for prices.  
**Scythes.** All sizes and prices.  
**Scythes.** English. \$2.75.  
**Scythe Stones.** 10c to 35c.  
**Seeder for Grass Seeds.** \$3.00.  
**Shears.** Edging or Border. 50c, 75c, 90c, \$1.00.  
**Shears.** Garden. \$1.75; Plain, \$2.00, \$3.50; Notched, \$1.25, \$4.00.  
**Shovels.** Wood D Handle, all sizes and prices. \$1.25, \$2.00.  
**Sickle or Grass Hook.** Lawn King, 75c, 95c, \$1.00; Village Blacksmith, 75c, 95c, \$1.00.  
**Silkline.** Spool. 40c.  
**Spades.** Ames best, \$2.50; Steel D handle, \$1.25, \$1.50.  
**Sprayers.** See page 46.  
**Spray Nozzles.** See page 46.  
**Spray Materials.** See Insecticides.  
**Sun Dials.** See page 36.  
**Sod Lifter.** \$3.50 to \$9.00.  
**Tape.** For Asparagus or Celery, \$1.25, \$1.50.  
**Thermometers.** For Brooders and Incubators, for Hotbed and Mushroom; Japanned Tin, Self-Registering.  
**Tinfoil.** Plain. 25c per lb.  
**Torch.** Kerosene. \$2.50.  
**Tree Guards.** \$1.25.  
**Tree Pruner.** Waters, \$1.50-\$3.00.  
**Tree Pruner.** Telephone. \$4.00.  
**Trellises.** See pages 36, 40.  
**Trowels.** 20c, 25c, 80c.  
**Trowels.** Solid forged steel. \$1.  
**Twine.** Soft Jute 2, 3, and 4-ply; Soft Jute 2-ply (many ends for tying Vegetables); 25-lb. Reels, 29c per lb.; 50-lb. Reels, 29c per lb.; Hard, Strong, Tying, per ball, 25c, 30c, 40c, 60c; White Cotton, per ball, 10c, per lb., 55c.  
**Urns.** Cemetery or Garden. See page 36.  
**Watering Pots.** Florists, \$1.25 and up; French, Galvanized Iron, Long Spouts, Japanned green, 50c, \$1.00, \$1.50.  
**Weeders.** Excelsior, 25c; Garden Weeding Fork, 25c; Gem, 35c; Magic, 50c; Short Handle, 75c; Long Handle, 75c; Norcross, 85c, \$1.25.  
**Weed Killers.** (See Insecticides).  
**Weed Pullers.** 85c and \$1.25.  
**Wheelbarrows.** See page 50.  
**Wire Bright.** Annealed Tying Nos. 18, 19, and 20. Per stone, \$1.50.  
**Vases.** Cemetery.

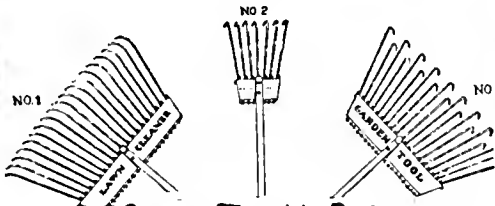






Edging Knife, or  
Turf Edger

Draw Cut Shears



Snap Tooth Rake  
3 Rakes in One



Edging and  
Border Shears



Water Weight  
Roller

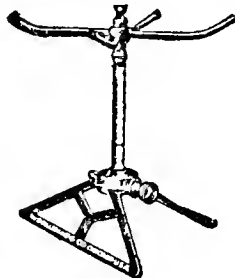


Bamboo  
litter Rake

Little Wonder  
Lawn Sprinkler

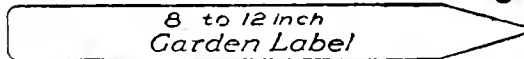
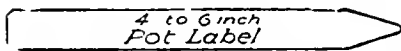


Fountain or Ring  
Sprinkler



California  
Lawn Sprinkler

Swinging  
Bracket



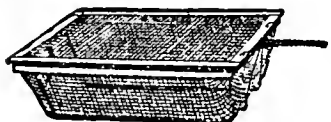
Horn Handle  
Budding Knife



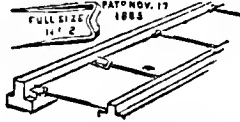
Budding and  
Pruning Knife



Stag Handle  
Budding Knife



Corn Popper



Peerless Glazing  
Point



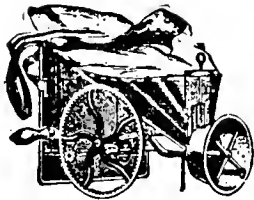
Mastica



Glazing Putty



Putty Bulb



Cahoon Seed Sower



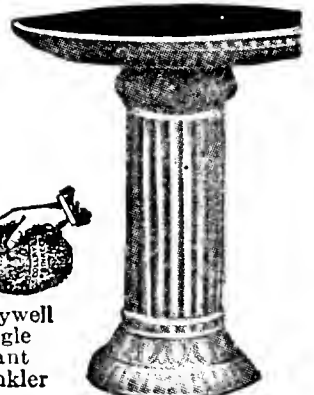
Wire  
Window  
Shelf  
See  
page  
145



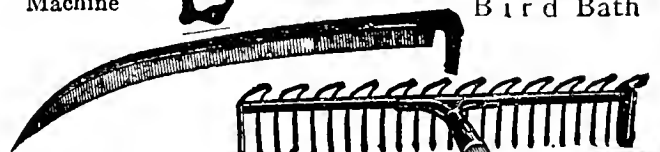
Mastica  
Glazing  
Machine



Spraywell  
Angle  
Plant  
Sprinkler



Bird Bath

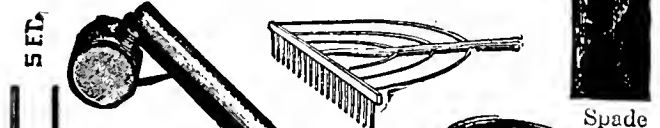


Reversible  
Lawn Rake



Steel  
Garden Rake

Fan Trellis



Wood  
Rake



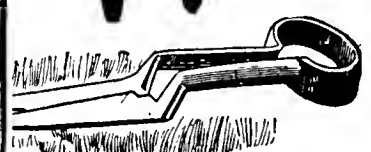
Spade



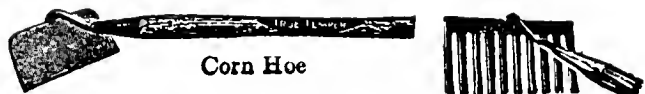
Line  
Reel



Round Tapering Plant Stakes

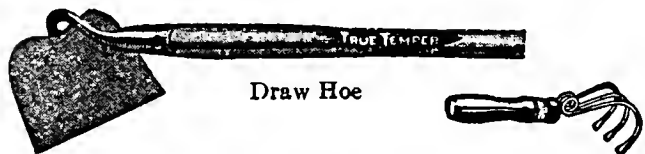


Grass Shears



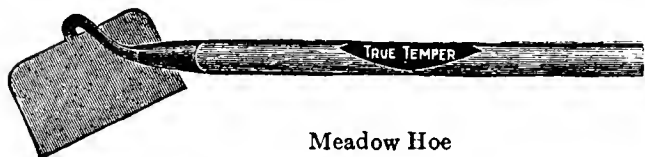
Corn Hoe

Humphrey Hoe



Draw Hoe

Magic Weeder



Meadow Hoe



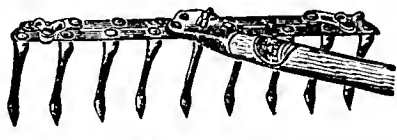
Potato Fork



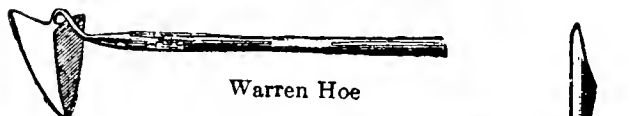
Norcross Hoe Cultivators



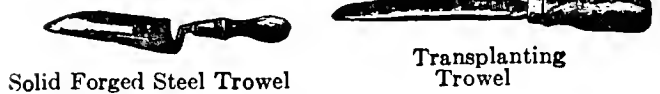
Grub Hoe



Pull Easy Cultivator



Warren Hoe



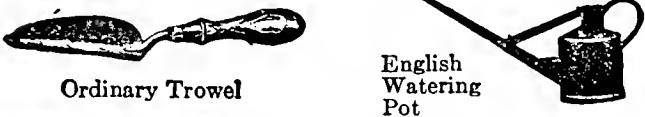
Solid Forged Steel Trowel

Transplanting Trowel



Excelsior Weeder

Eureka Weeder



Ordinary Trowel

English Watering Pot



Noyes Weeder



Magic Weeder

French Watering Pot



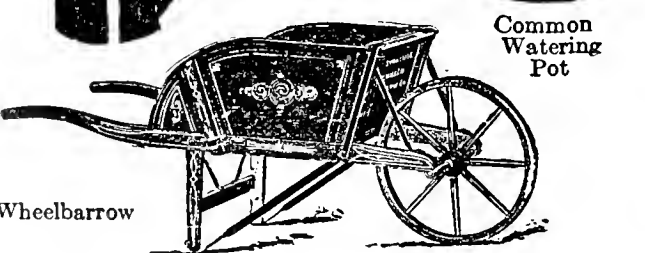
Hazeltine Weeder

Florists Watering Pot

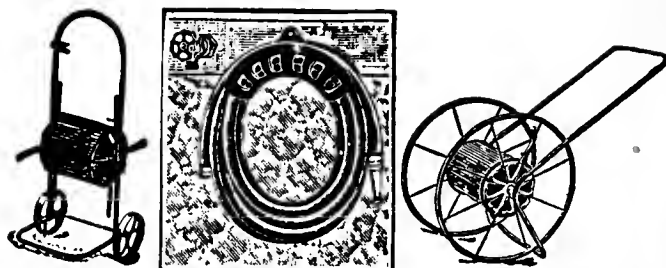


Long Spout Watering Pot

Common Watering Pot



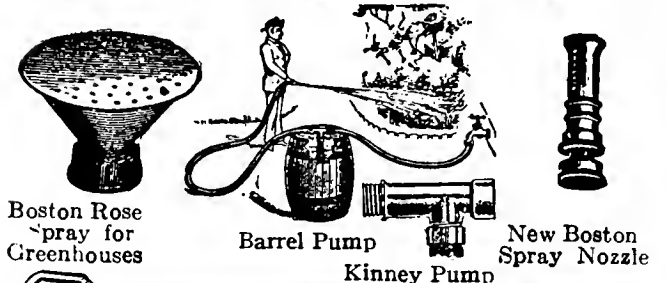
Wheelbarrow



No. 2 Hose Reel

Improved Hose Rack

No. 20 Hose Reel



Boston Rose Spray for Greenhouses

Barrel Pump

Kinney Pump

New Boston Spray Nozzle



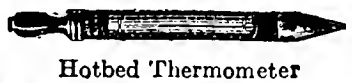
STOTT'S ROSE SPRAY



Shut-Off Connection



Champion Nozzle



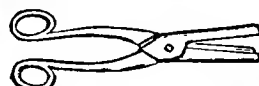
Hotbed Thermometer



Fairy Spray Nozzle



Greenhouse Hose Nozzle



Flower Gatherers



Duplex Pruning Saw



Adjustable Pole Pruner



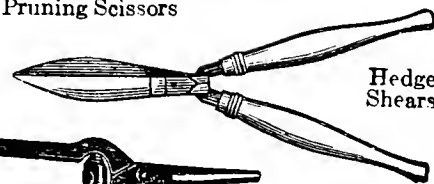
Crescent Pruning Saws



Rose Pruning Scissors



Waters' Tree Pruners



Hedge Shears



Apple Thinner



"Just-Rite"

American Pruning Shears

Levin

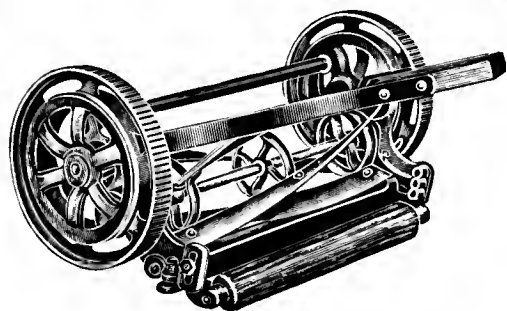
No. 40

French Shears

# HAND AND POWER LAWN MOWERS

## Automatic

Automobile Quality Fafnir Ball Bearings



Automatically Adjusted Four Drawcut Blades, Skeleton Frame and Wheels. 10-Inch Wheels. Crucible Steel Drawcut Wiper Blades. Stationary Knife, Automatically Sharp-Loosen, Roller

ened, Adjusting Screws Will Not Break. Brackets Will Not Break.

## Water Weight Lawn Roller

No. 2 Plain-bearing, size 14x24. Price.....\$12.50  
No. 2 Plain-bearing, size 18x24. Price..... 15.00  
No. 7 Roller-bearing, size 24x24. Price..... 21.50

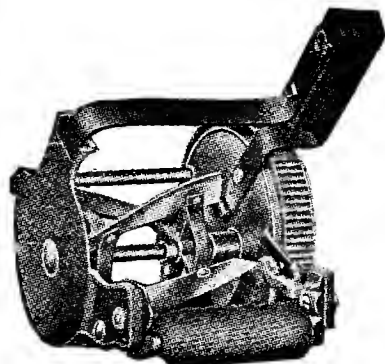
## The Hawks Ferti-Spreader

Price .....\$15.00

## Hofmann Junior Lime Sower

Price .....\$26.00  
Seeder Attachment ..... 3.75

## Lawn Trimmer



For trimming around walks, flower beds, trees, posts, monuments and shrubbery, and all places that cannot be reached with any lawn mower. Cuts within one-fourth of an inch of the edge.

Has a revolving cutter with four crucible steel blades, tempered in oil and cut six inches wide. Price .....\$9.00

## Lawn Mowers

List—1933

Special Yankee	Automatic
Cadet	Putting Green (Roller Type)
Drawcut Special	Hercules (Timken & Hyatt Roller Bearings)
Lakewood	"Easy" Lawn Mower
Great American (or Forest City)	
Universal Trimmer .....	9.00
Coldwell Trimmer	
8-inch .....	10.75
Grass Catchers "Braun"	
17-inch .....	3.50
19-inch .....	4.50
Grass Catchers .....	1.00
Grass Catchers .....	1.25

## "Little Wonder" Hedge Trimmer 30-Inch Size, \$27.00

The Little Wonder Hedge Trimmer cuts every variety of hedge grown, five or ten times as fast as by hand.

Will trim a hedge to any shape and cut wanted, various attachments and adjustments being provided for each type.

Cuts sides of square or pivot top hedges 10 feet high with the operators standing on the ground.



Prices Subject to Change Without Notice

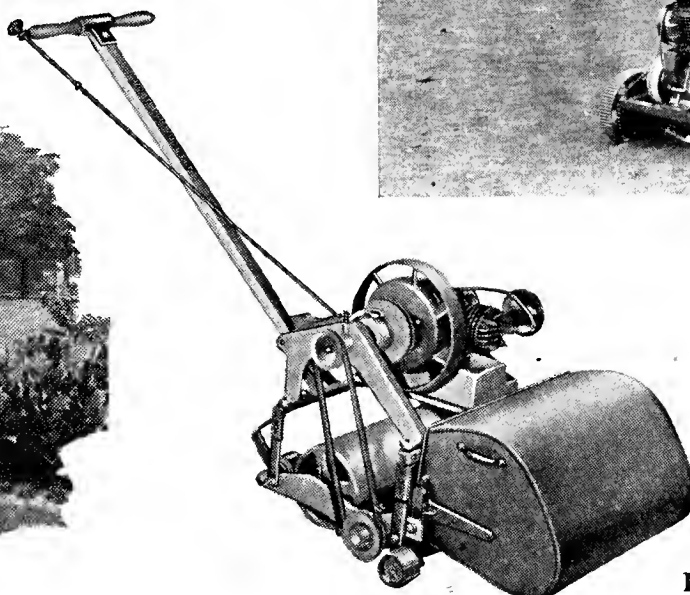
Ask for New  
**IDEAL CATALOG WITH  
PRICES AND TERMS**



Ideal Roller Type  
Power Mower.



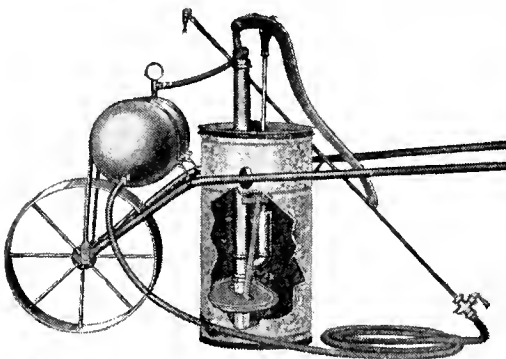
Ideal Wheel  
Type Power  
Mower.



Ideal Power  
Putting Green  
Mower.



Hudson Ideal Sprayer



The Ideal as it will be furnished for 1933, is equipped with a special tubular brass intake screen with an agitator which wipes the surface of this screen at each stroke of the plunger, absolutely preventing

clogging even with solutions like whitewash, cold water paint, etc.  
The Ideal is a high pressure, portable outfit. It is an exceptionally handy outfit for the orchardist or fruit grower, stock barns, cattle pens, poultry houses, etc., and is a practical outfit for whitewash and cold water paint, etc.  
Capacity, 15 gallons. Equipment consists of 6 feet of 3/8-inch spray hose, a 4-foot iron pipe extension, brass leakless shut-off valve and Ideal angle spray nozzle.  
No. 33-S Ideal. Complete (15 gallon) .....\$36.00  
No. 32-S. Ideal. Less pressure tank and gauge. 24.00

Hudson Compressed Air Sprayers

Hudson Jr. Sprayer, \$5.00

Is ideal for the yard, garden or small truck farm; for poultry house, dairy, hog pen, stable, etc.  
Junior Galvanized Sprayer, 2 1/2 gals. ....\$5.00

Hudson Perfection Sprayer, \$7.00



Especially adapted for applying whitewash, cold water paints, floor oils, varnishes, shingle stain. For removing old wall paper, re-sizing walls, etc. Used in the orchard, truck garden, potato and tobacco fields, dairies, hog pens, poultry houses, etc.  
Fine for washing your autos, windows, sprinkling lawns or in emergencies to extinguish small fires.  
Perfection Galvanized Sprayer, 4 gals., \$7.00.

We also carry a complete line of everything in larger sizes of spraying machines, also in the smaller sizes—not indicated above.

Hudson Favorite Sprayer, \$6.00

This sprayer is especially adapted for the garden, small truck farm, poultry house, the dairy, hog pen, etc.  
Favorite Galvanized Sprayer, 4 gal. ....\$6.00  
Hudson and Brown nozzles interchangeable.

Extra Equipment

Extension Pipe—2 ft. ....	\$0.50	Auto-Pop .....	\$0.60
Elbow extension ...	.35	Auto-Pop including nozzle .....	1.50
Strainer .....	1.20	Auto-Pop with hose and fittings .....	2.00
Strainer .....	.70	Set soft parts .....	.25
2-Row Attachment..	1.50	Torch .....	1.20
Stop-Cock .....	.50		
BAMBOO EXTENSIONS—Brass Lined			
8 ft. ....	\$3.50	12 ft. ....	\$4.30
9 ft. ....	3.70	20 ft. ....	6.00
10 ft. ....	3.90		

Miscellaneous

NOZZLES

Non-Clog Junior Brass. Either straight or 45-degree angle .....	\$0.75	1-Point Vermorel ..	\$0.75
		Auto-Spray Nozzle ..	.60
		Bordeaux Nozzle ...	.60

Hudson Barrel Sprayer with Truck

Sprayer with agitator and one lead of 6 feet of 3/8-inch spray hose and nozzle.  
With barrel (50 gallons), No. 4 C-S .....\$40.00

Hudson Eureka Sprayer

Holds 50-gal. 200-lb. pressure tank. Mounted on big wheel trucks. Price, \$50.00.

Brown Compressed Air Sprayers

Auto Spray No. 9, Capacity 4 Gals.

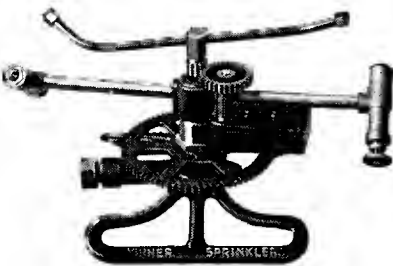
This is the strongest and simplest compressed air sprayer on the market.

Brown's No. 9B—Brass tank .....	\$9.75
Brown's No. 9D—Galvanized tank .....	6.65
Auto Spray No. 50, Capacity 3 Gals.	
Brown's No. 50B—Brass tank .....	8.65
Brown's No. 50D—Galvanized tank .....	5.70

Brown's Blue Ribbon Sprayers

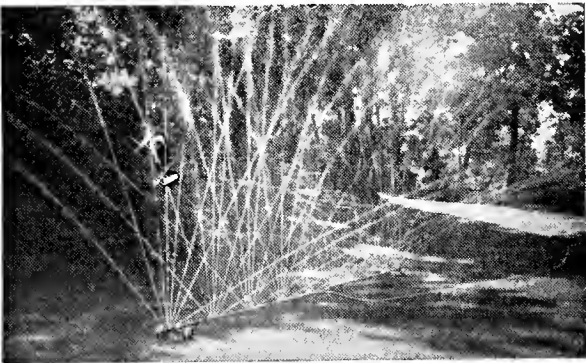
Brown's Blue Ribbon B—Brass tank .....	7.50
Brown's Blue Ribbon D—Galvanized tank .....	4.95
Brown's Blue Ribbon Jr.—Galvanized tank .....	4.15

Roto-Rain Sprinkler



This powerful large area sprinkler is particularly adapted to the watering of golf greens and large lawns. The large nozzles are quickly and easily adjusted to spray any size circle from 20 ft. to 80 ft. in diameter. Price, \$15.75, postpaid.

Famous Peacock Sprinkler



These sprinklers are made in two lengths—12 1/2 ft. and 7 ft., called Peacock Sr. and Peacock Jr. Shipped carefully crated and ready to use. Always sent by express. Prices, \$15.00 and \$8.50, f. o. b. Syracuse.

Price List

The Tu-Way .....	\$ 1.30
Grass Grower .....	2.25
Roto-Rain .....	15.75
Lawn Life Sprinkler .....	1.10
The Sod-Soaker .....	4.90
Famous Peacock .....	\$8.50 and 15.00
Rain King Sprinkler .....	3.50

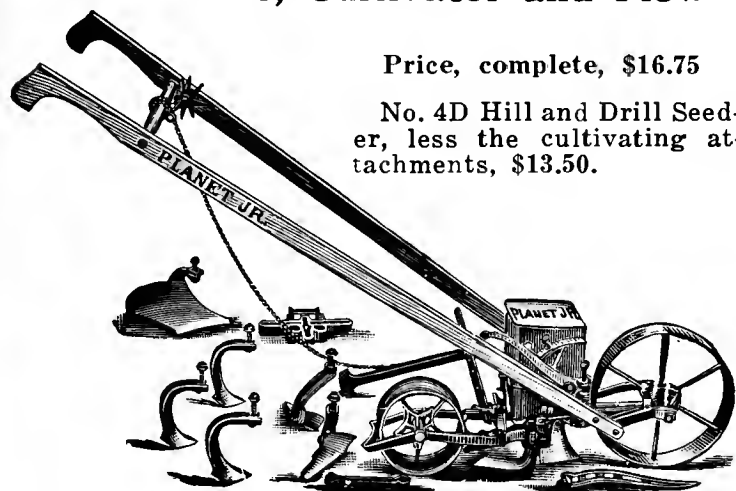
# Planet Jr.

## Seed Drills, Wheel Hoes, Horse Hoes, Fertilizer Distributors, Garden Tractors

### No. 4 Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, complete, \$16.75

No. 4D Hill and Drill Seeder, less the cultivating attachments, \$13.50.



This accurate, durable and easy-running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth; rolling down and marking out the next row all at one passage. No time is lost. No seed wasted. Change from seeder to wheel hoe is made quickly. Makes the care of a garden a pleasure as well as very profitable. Can be used successfully by men, women or growing boys.

### No. 3 Hill and Drill Seeder Only

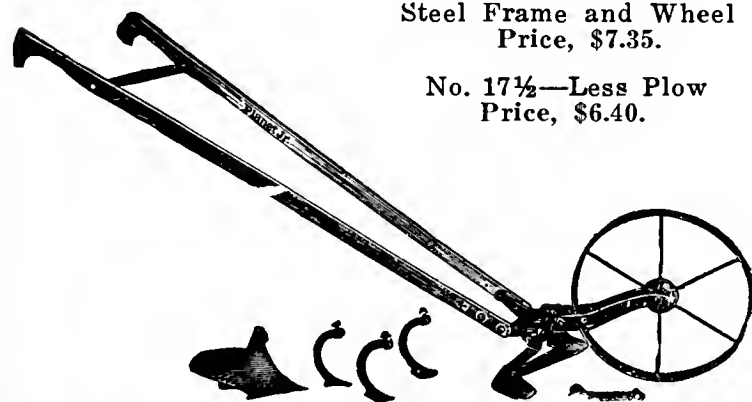
Mechanical features similar to Nos. 4 and 25. Large 15-inch steel wheel and roller wheel make it particularly valuable to large grower. Capacity, 3 quarts, positive shut off and index on right hand handle. Weight, packed, 49 lbs. Price, \$16.50.

Single Wheel Hoes are the most popular hand cultivating tools for general work. They have a great variety of attachments which adapt them to almost any kind of garden work. They are generally used between rows, but by mounting the wheel on the other side of the arm, can be used to hoe both sides at once, while plants are small.

### No. 17 Planet Jr. Single Wheel Hoe

Steel Frame and Wheel  
Price, \$7.35.

No. 17½—Less Plow  
Price, \$6.40.



No. 18 Planet Jr. Single, same as No. 17, less plow and teeth, \$5.50.

No. 220 Fertilizer Distributor, \$26.00.

Planet Jr. Garden Tractors, 3 sizes to \$180.00 and \$250.00.

### No. 25 Planet Jr. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow

Holds 2½ Quarts of Seed.  
Price, \$21.00.



Has the same simple, accurate seeding device as the No. 4, but as a wheel hoe can be used with either one or two wheels. It is especially suitable for the larger family garden where the rows are long enough to warrant the use of a double wheel hoe. Straddles the row in crops like beets, carrots, beans, peas, lettuce, onions, radish, spinach, etc., during the entire season, permitting closer, cleaner work. Tools especially designed and oil-tempered.

### No. 12 Combined Double and Single Wheel Hoe, Cultivator and Plow

Steel Frame  
14-inch Steel Wheels  
Price, \$10.25.



No. 13. Same as No. 12, but with side hoes only, \$7.60.

No. 9 Planet Jr. Horse Hoe and Cultivator. Price, \$12.75.

No. 9E. Same as No. 9, less 6-inch Hillers and one 7-inch shovel steel. Price, \$11.60.

No. 82. 7-tooth Horse Hoe and Cultivator; will cultivate 42-inch row at one passage. Price, \$14.25.

No. 82E. 7-tooth, same as No. 82, less 6-inch Hillers and 7-inch shovel steel. \$13.10.

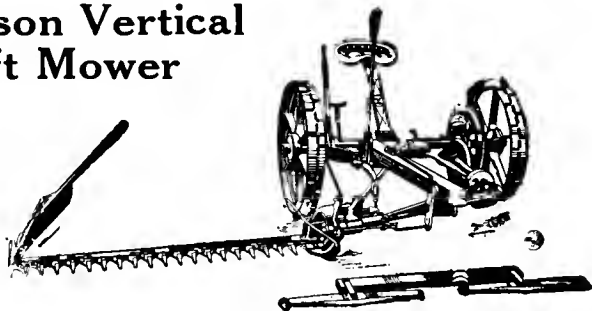
No. 101. Cultivator only, 5-tooth, \$9.90.

No. 91. 12-tooth Harrow for early cultivation and strawberries, \$11.85.

Dairymen's League Certificate of Indebtedness accepted as cash in the purchase of seed.

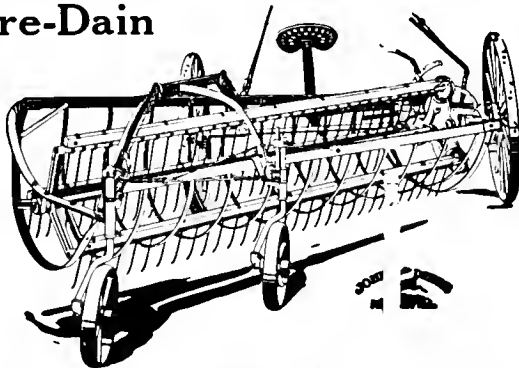
FARM AND GARDEN TOOLS

Emerson Vertical Lift Mower



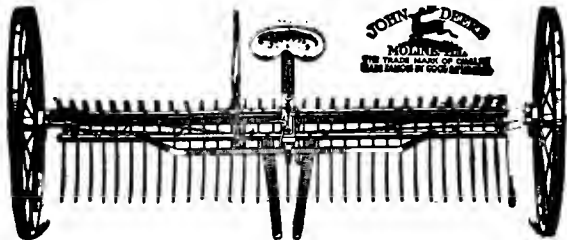
The only successful vertical lift Mower on the market. The main frame is one solid, unyielding piece of iron. This insures perfect meshing of the gears and holds all parts securely in place.

John Deere-Dain System Rake



THE RAKE WITH THE INCLINED FRAME, VERTICAL LIFT AND CONVENIENT LEVERS.

The rake that enables you to make higher price hay by curing it "Nature's Way"—air-curing it.



Self Dump Steel Horse Rake, made in 8-, 9-, 10- and 12-foot, 20 to 40 teeth. Get our prices before buying.

Martin Ditchers and Graders

Are in Use in Every Country in the World Wherever Ditching, Terracing or Grading is Done.

BUILT FOR HORSE OR TRACTOR  
"No Soil Too Tough"

- Model 20—2 to 4 horses or tractor, wt. 379 lbs. ....\$78.00
- Model 20A—7 ft. cutting blade, 4 to 6 horses or tractor, weight 422 lbs. .... 90.00
- Model 20B—2 to 3 horses or tractor, wt. 331 lbs. .... 75.00
- Seats are extra for any model, wt. 15 lbs. .... 3.75
- Road Drag and Snow Blade for any model, extra ..... 10.00

Double Cylinder Hay Loaders

The Double Cylinder Hay Loader successfully handles anything from the lightest swath to the heaviest windrow. The rear or gathering cylinder is far enough back of the frame to get all the hay, but still leave the trash. This cylinder moves slowly, thereby handling the hay without damaging the foliage. Ask for prices.

John Deere Corn Binders

- Corn Binder with Pole Attachment, 3-horse Evener and Power Bundle Carrier .....\$200.00
  - Corn Binder with Pole Attachment, 3-horse Evener less Power Bundle Carrier ..... 215.00
  - Corn Binder with Tongue Truck, 3-horse Evener and Power Bundle Carrier ..... 250.00
  - Corn Binder with Tongue Truck, 3-horse Evener, less Power Bundle Carrier ..... 230.00
- GOOD MACHINERY MAKES A GOOD FARMER BETTER.  
SPECIAL PRICES FOR CASH ON ALL MACHINERY.

Single and Double Disc Drill

For more than half a century these drills have stood for the best in drill construction and have been the leaders. From the first, all effort has been two-fold—first to make a perfect seeding machine and second, to construct that machine so as to give long life and constant service. These Drills today fulfill this ideal. Ask for prices.

Acme Pulverizing Harrow

STANDARD 2-ROW RIDING HARROW

- For Two Horses, cuts 6 ft. 6 in. ....\$30.00
- For Two Horses, cuts 8 ft. 6 in. .... 38.00

Land Rollers

- Steel Roller, 24-inch, two sections .....\$50.00
- 24-inch, three sections, steel ..... 50.00
- Wood Stave Roller, two sections ..... 50.00

Improved Corn Marker

- Marks any width row and any depth desired.
- Three-row Marker for two horses .....\$18.00

Nonpareil Salt, Lime and Fertilizer Broadcasters

- This Broadcaster will sow Lime, Salt, Plaster and Ashes; they also handle perfectly all kinds of fertilizers. Quantity can be changed instantly by one lever in center of hopper.
- 10-bu. size .....\$55.00
- 15-bu. size ..... 58.00

New Idea Spreader

- This Wagon Style of Manure Spreader will go through gates, barn doors, stables, etc. Easy to load. Easy to haul. The best, lowest in price, most durable Manure Spreader on the market.
- 50-bu. size .....\$150.00
- 70-bu. size ..... 170.00

Cross Endgate Spreader

Fits any wagon box 42 inches or less in width. Will spread from 150 lbs. up to 5 tons to the acre. Has a spread of about 20 feet. Sows all fertilizers—lime, limestone (wet or dry). Weight 150 lbs. Price, \$40.00.

Thompson's Lime and Fertilizer Spreaders

FOR HAND USE

- For Calcium Chloride, Fertilizers, etc. ....\$48.00
- 112 Combination Distributor for lawn and garden..... 13.50
- 110 Spreader for lawn and golf course..... 25.00
- 108 Combination Distributor for gardens..... 22.50

O. K. Champion Two-Horse Elevator Potato Digger



THE NEW NO. 8 DIGGER has a wide throat which is a new departure in digger construction and exclusively used on our machine. We have sold nearly 600 of these wonderful Diggers in this vicinity.

- No. 8 Digger .....\$108.00
- No. 22 Potato Planter—Plain ..... 82.00
- No. 22 Potato Planter—with Fertilizer Attachment ... 102.00
- Two-Row O. K. Twin Potato Planter—Plain ..... 295.00
- Two-Row O. K. Twin Planter—with Fertilizer Attachment ..... 345.00
- Four-Row Sprayer ..... 120.00

Meridian Hay Racks

Manufactured of selected lumber and well bolted.

- 16-foot .....\$24.00
- 14-foot ..... 22.00

Iron Hog Troughs

Made in four sizes, 3-, 4-, 5-, and 6-foot—8 inches deep—12 inches wide. Price, \$1.50 per foot.

Our Improved Slip Castings

- Set of Shoes .....\$5.00

Steel or Iron Stone Boat Heads

A Simple, Complete and Inexpensive device whereby a Stone Boat can be made in a few minutes by using straight plank. One head will last for years. Price, \$6.50 each.



We Pay Cash for Dairymen's League Certificates of Indebtedness.

# Clark

## "CUTAWAY"

### Double Action Disc Harrow

Once going over is equal to four times with a Single Disc Harrow. It's a wonder in making a perfect seed bed.

A-4 Double Action Cutaway, 2-horse hitch	....\$70.00
A-5 Double Action Cutaway, 4-horse hitch	.... 85.00
A-6 Double Action Cutaway, 4-horse hitch	.... 95.00

### Masters Plant Setter

A wonderful labor-saving tool for transplanting Cabbage, Tobacco, Sweet Potato, Cauliflower, Egg-plant, Strawberry and all similar plants.

Each plant is set, watered and covered in one operation. The roots are firmly set by the absorption of the water almost as if they had grown there and every plant will grow even in the hottest, driest weather.

It is easy, pleasant work. You can set 8,000 to 15,000 plants per day and do perfect work. Price \$6.50.

### BEMIS TRANSPLANTER

List complete	.....\$125.00
Less Fertilizer attachment	..... 106.50

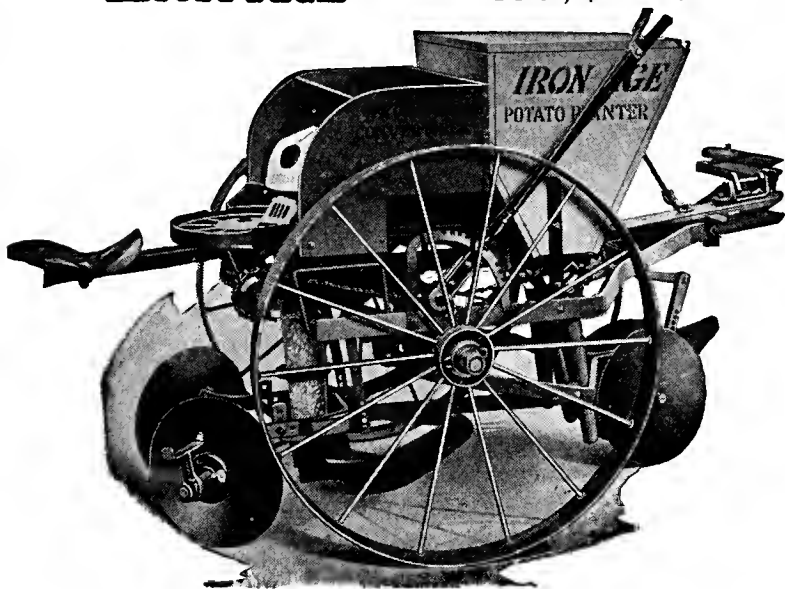
### John Deere No. 999 Corn Planter

The Accurate "Natural Drop" Planter

Field tests have proved that the John Deere No. 999 Planter is accurate. Change in drop to 2, 3 or 4 kernels per hill can be made instantly without stopping the team, and drill distances can be varied just as easily. Special plates for a great variety of seeds. Price, \$115.00 complete. Less Fertilizer attachment, \$90.00.

### IRON AGE Potato Planter

Price, \$140.00.



### Onion Set Planter

Backaches and heartaches were once thought necessary evils at planting time, but not any more. With S. & H. One-Row Set Onion Planter one man can plant an acre per day.

One-row, \$68.00; two-row, \$125.00; three-row, \$185.00. Ask for special price.

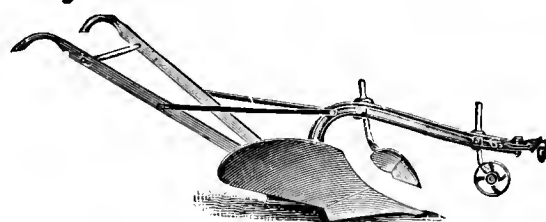
### Wheelbarrow Seeders

With Steel Frame

They can be worked by anyone who can run a wheelbarrow. Price, 14-ft., \$14.00; 15-ft., \$16.00.

Dairymen's League Certificate of Indebtedness accepted as cash in the purchase of seed.

### Syracuse Chilled Plows



Steel Beam

Syracuse chilled plows are regarded as the highest grade chilled plows made. They are steady running, easily handled and have superior turning qualities.

No. 52-L Wood Beam, 1-horse, wheel only	.....\$19.00
No. 401, cuts furrow 12 to 15 inches wide, 5 to 8 inches deep	..... 30.00
No. 402, cuts furrow 11 to 13 inches wide, 5 to 7 inches deep	..... 28.00
No. 403, cuts furrow 9 to 12 inches wide, 4 to 6 inches deep	..... 26.00

Special cash discount on Syracuse Plows.

### Munnsville Plows

No. 10 Steel Plow	.....\$27.00
No. 5 Steel Plow	..... 25.00
No. 2½ Steel 1-horse	..... 22.00
No. 2½ Chilled 1-horse	..... 20.00

### Dutton Steel and Chilled Plows

The Best Low-Priced Plow on the Market

Dutton Iron Beam No. 2	.....\$23.00
Dutton Steel Beam No. 2	..... 25.00

### John Deere Two-Way Sulky Plow

Just the plow you need for work on hillsides as well as on level fields and in stony land. Wide tread prevents tipping. Each bottom is independent of the other, with separate depth adjusting lever and lifting device. Your choice of four types of bottoms. Price, \$100.00.

With Roller Coulter and Jointer Complete.

12-bottom	.....\$104.00
14-bottom	..... 105.00

### Meyer Auto Snow Plow

Standard Model	.....\$90.00
Sidewalk Plow	..... 70.00
Speed Plow	..... 60.00
Hand Snow Plow	..... 9.00

### Harrows

30-tooth peg, 1-section Harrow	.....\$12.00
50-tooth peg, 2-section Harrow	..... 23.00
60-tooth peg, 2-section Harrow	..... 25.00
15-tooth, spring Tooth Harrow	..... 28.00
17-tooth, spring Tooth Harrow	..... 30.00
23-tooth, spring Tooth Harrow	..... 40.00
25-tooth, spring Tooth Harrow	..... 43.00

Less 10% discount for cash on these harrows.

### John Deere Single Disc Harrows

MODEL "B"—THREE-LEVER

Flexible, with Spring Pressure Lever, Hard Oilers and Scrapers, Without Weight Boxes

No. BY416—8, 16-in. discs, cuts 4 feet, 2-horse evener and pole, each	.....\$50.00
No. BY516—10, 16-in. discs, cuts 5 feet, 2-horse evener and pole, each	..... 53.00
No. BY616—12, 16-in. discs, cuts 6 feet, 3-horse evener and pole, with set over irons, each	... 58.00

### Double Disc Harrows

16, 16-in. discs, cuts 4 feet, 4-horse evener	..\$ 90.00
20, 16-in. discs, cuts 5 feet, 4-horse evener	.. 100.00
24, 16-in. discs, cuts 6 feet, 4-horse evener	.. 112.00

Less special discount for cash.

FARM AND GARDEN SUPPLIES

Ross Ensilage Cutters and Silo Fillers

No. 2 knives .....	\$285.00
No. 3 knives .....	300.00
No. 4 knives .....	315.00

Mastica for Glazing Greenhouses, Sashes

One gallon will cover about 290 running feet (one side).  
Price of Mastica, ¼ gal., 75c; ½ gal., \$1.45; gal., \$2.75.  
Mastica Glazing Machine, \$3.50.

Farmer's Favorite Cookers

Size boiler	Price
40-gal. ....	\$19.00
50-gal. ....	21.00
100-gal. ....	26.00

Grindstones

Sterling .....	\$11.00	Sampson No. 2....	\$ 9.00
Sampson No. 1....	9.50	Sampson No. 3....	8.75

Ney Reversible Hay Carrier

For Either Steel or Wood Track  
Light and Durable, Runs Either Way on the Track Without Changing

Thousands of Ney's No. 5 Carriers have been in continuous service for 35 years or more and are still doing their work perfectly. After 35 years of service the above carrier is greatly in demand by the public.

Price

Ney Hay Car, steel or wood track .....	\$ 9.00
Brackets, dozen .....	.90
Floor Hooks, each .....	.20

We carry Haying Tools of all kinds, also Teeth for all Rakes and Tedders.

Garden Barrows

Price, \$5.75 and \$8.50.

Steel Tray Barrows

Deep Steel Tray, No. 75-A \$8.50. We also offer The Common Wood or Paddy Barrow, \$5.00 to \$5.75.

Sickle Grinders

Sickle Grinder .....	\$6.50
With foot power .....	8.50

Supplies for the Dairymen

Milk Caps

Per thousand .....	\$0.60
5,000 for .....	2.50
Dairy Scales .....	\$4.00 to 5.50
Platform Scales .....	\$25.00 to 50.00

MILKING TUBES, 35c to \$1.50

The Boston Milking Tube .....	.35
Teat Dilators .....	Each .15
Sanitary Milk Pails .....	\$1.50 to 3.50
Pint Dippers .....	.75
Quart Dippers .....	.90
Strainers .....	\$2.50 to 3.00
Tin Milk Pails, all sizes .....	.75c to 2.50
Aerators .....	\$10.00, \$12.00 15.00
Sap Buckets .....	.30
Sap Spouts at .....	.5c each..

Rice's Calf Weaner and Sucking Cow Muzzle



For preventing Calves and Cows sucking themselves or each other.

- No. 1—For Calves, till 1 year old, 75c.
- No. 2—From 1 to 2 years old, 80c.
- No. 3—For full grown animals and self-suckers, 85c.

Stock Labels

Punches and Registers for Marking Cattle, Sheep and Hogs

No. 1½ or Large Cattle Labels—	
Per doz. ....	\$0.75
Per 100 .....	4.00

We Can Supply Labels and Punches for Young Cattle, Sheep and Hogs.

West Bend Watering Systems



West Bend Automatic Detachable Drinking Bucket, each with fastener .....	\$3.80
West Bend Strainer, each..	2.90
No. 1 Water Buckets, 9½x 8x7, each with clip (gravity) .....	2.55

No. 2 Water Buckets, 18x10x7, each with clip (gravity) .....	3.25
Governing Tank with float and cover, each ....	9.45

West Bend - Pine Tree - Babson Stanchions and Stable Equipment

No. 1 Steel Wood Lined Adjustable Stanchion with plain hangers .....	\$5.50
No. 7 Steel Wood Lined Adjustable Swivel Hanging Stanchion .....	4.15
No. 7 Stanchion, not wood lined .....	3.80
No. 2 Wood Bar Chain Hanging Stanchion .....	3.30
No. 5 Adjustable Chain Hanging Steel Pipe Bull Stanchion .....	8.50

Crumb Stanchions. The best made wood stanchion on the market. We have sold them for many years. Each..... 3.00

Barrel Churns

No. 0— 4 gal. ....	\$7.00
No. 1—10 gal. ....	8.00
No. 2—15 gal. ....	9.00

Banner Root Cutter

Hand and Power. Ask for Particulars.

Mann's Bone Cutter

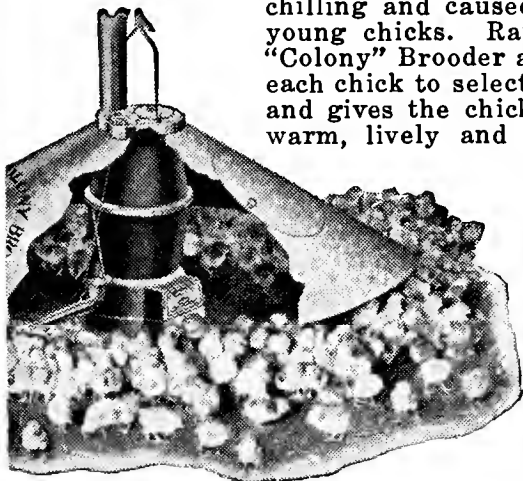
For Hand and Power. Ask for Particulars.

Buckeye Incubators for Bigger Hatches  
of Better Chicks

No. 65— 75 Eggs	.....	\$18.50
No. 66—143 Eggs with Automatic Egg Turners	.....	39.50
No. 67—286 Eggs with Automatic Egg Turners	.....	57.75
No. 68—416 Eggs with Automatic Egg Turners	.....	76.50
No. 69—576 Eggs with Automatic Egg Turners	.....	97.50

Coal-Burning Colony Buckeye Brooders

The Buckeye is the original "Colony" Brooder. Previous to its development brooders were built with closed brooding chambers which made temperature regulation practically impossible, resulted in over-heating or chilling and caused untold losses due to the development of bowel and lung troubles in young chicks. Raising 50% of the hatch was considered a good result. The Buckeye "Colony" Brooder absolutely eliminates these troubles. It radiates heat from above, allows each chick to select the temperature it finds most comfortable, prevents crowding or chilling and gives the chicks an ample supply of pure, fresh air at all times. It keeps the chicks warm, lively and contented in any weather, prevents sickness, insures rapid growth—raises every raisable chick into a big, strong, money-making bird.



No. 117 Coal Brooder, 300 Chicks	.....	\$15.00
No. 118 Coal Brooder, 500 Chicks	.....	17.50
No. 119 Coal Brooder, 1000 Chicks	.....	22.50
No. 120 Coal Brooder (new size), 1200 Chicks	.....	26.50
No. 103 Rite Heat Brooder	.....	29.50

NEWTOWN COAL-BURNING BROODERS

No. 7. Capacity 350 Chicks, f. o. b. Factory	.....	\$25.00
No. 11. Capacity 500 Chicks, f. o. b. Factory	.....	32.00
No. 12. Capacity 1000 Chicks, f. o. b. Factory	.....	40.00

Newtown Electric Brooders

No. 51. Capacity 50 Chicks	.....	\$14.50
No. 52. Capacity 100 Chicks	.....	19.75
No. 53. Capacity 200 Chicks	.....	24.75
No. 54. Capacity 300 Chicks	.....	29.50

Buckeye Electric Brooders

No. 90	.....	\$14.50	No. 92	.....	\$24.75
No. 91	.....	19.75	No. 93	.....	29.50

Buckeye Blue Flame Oil Brooders

No. 27A	.....	\$14.50	No. 80	.....	\$15.50
No. 29A	.....	18.50	No. 81	.....	16.50

METAL EGG CRATES

1 doz. size	.....	\$1.00	4 doz. size	.....	\$2.00
2 doz. size	.....	1.50	6 doz. size	.....	2.50
3 doz. size	.....	1.75	12 doz. size	.....	4.00

CEL-O-GLASS. This wonderful invention has brought comfort and profit to the poultrymen.

In lots of 25 lineal ft. or less	.....	12c	sq. ft.
In lots of 25 to 50 lineal ft. or less	.....	11½c	sq. ft.
In lots of 50 to 100 lineal ft. or less	.....	11c	sq. ft.
In full rolls (100 ft.)	.....	10c	sq. ft.

GLASS CLOTH readily transmits the life-giving vitalizing ultra-violet rays of the sun. (Glass stops them). These are the health rays of sunlight and are absolutely needed by poultry in winter months. GLASS CLOTH sheds a warm, soft, even light full of violet rays to all parts of the enclosure. 30c per sq. yd.

PIGEON AND DOVE FEED

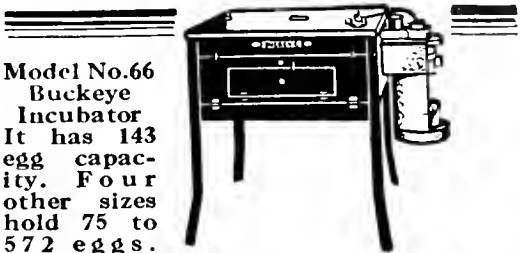
Price, per 100 lbs., \$2.85.

IDEAL POULTRY LITTER (Peat Moss—Medium Grade). Renew every six months. Its absorbing power equals 8 to 12 pounds of its specific weight. Prevents dampness, which causes most poultry diseases. Absorbs bad poultry house odors. Keeps hen houses warm in winter and cool in summer. Price per bale, \$3.25.

PRATT'S, CONKEY'S AND LEE'S REMEDIES

Roup Remedy	.....	25c, 50c, \$1.00
Cholera Remedy	.....	25c, 50c
Gape Remedy	.....	30c
White Diarrhea Remedy	.....	25c, 50c, \$1.00
Canker and Bronchitis Remedy	.....	50c
Head Lice Ointment	.....	25c, 50c
Condition Tablets	.....	35c
Bronchitis Remedy	.....	25c, 50c
Scaly Leg Remedy	.....	35c
Worm Remedy	.....	25c, 50c
Poultry Tonic	.....	25c, 50c, \$1.00
Lice Powder	.....	25c, 50c
Poultry Disinfectant	.....	55c, 95c, \$1.60

Dairymen's League Certificate of Indebtedness accepted as cash in the purchase of seed.



Model No.66  
Buckeye  
Incubator  
It has 143  
egg capacity.  
Four  
other sizes  
hold 75 to  
572 eggs.  
Come and  
select the size you want.

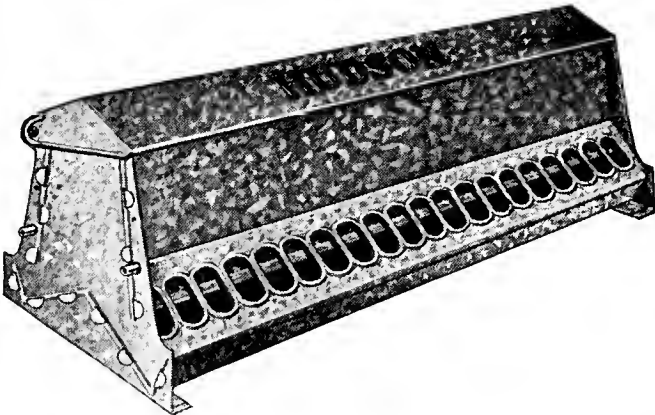
Hudson Combination  
Fountain Heater  
and Waterer

The finest for year-round use. Made of best galvanized steel. Lamp burns ordinary kerosene. Operates thirty hours on one filling. Chicks can drink all around the fount.

No. 15. Fount—each	.....	\$3.90
No. 16. Fount—each	.....	5.40
CR21 Feeder	.....	1.05
CR24 Feeder	.....	1.20
CR36 Feeder	.....	1.80
CR48 Feeder	.....	2.25



Hudson Growing Chick Feeders



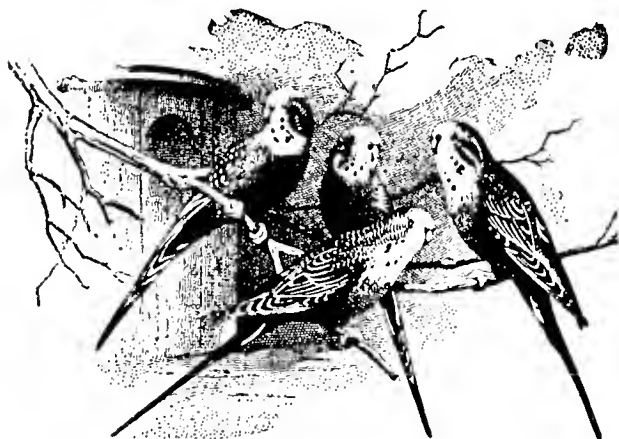
CR21 Feeder. Length, 21 inches	.....	\$1.00
CR24 Feeder. Length, 24 inches	.....	1.25
CR36 Feeder. Length, 36 inches	.....	1.75
CR48 Feeder. Length, 48 inches	.....	2.25

POULTRY SUPPLIES

Ful-o-Pep Scratch Grain	Ful-o-Pep Laying Mash
Ful-o-Pep Coarse Chick Grain	Ful-o-Pep Growing Mash
Ful-o-Pep Fine Chick Grain	Ful-o-Pep Chick Starter
Alfalfa Meal	Eggs, Porcelain Nest
Beef Scraps	Eggs, Medicated
Bone Meal	Food Hoppers
Buttermilk Semi-solid	Incubators
Charcoal	Leg Bands
Grit	Roofing Paper
Salt Grit	Spray Pumps
Oyster Shell	Thermometers
Shavings baled	
Straw, baled	
Bone Cutters	
Brooders	
Boxes, Grit and Shell	
Corn Shellers	
Candle, Sulphur for Fumigating	
Drinking Founts	
Egg Cartons	



# Our Pet Department



## HEADQUARTERS FOR Bird and Animal Foods Remedies, Supplies and Accessories of All Kinds

Watch for our very interesting Window Display of Birds, Dogs, Cats and other Pets.

This department is in charge of Mr. A. B. Wheel, who is an authority on Birds and Pets. Consult him on the care of pets in health or sickness.



### DEAR PATRONS

Every home owner should encourage the birds of the wild to make your home their home. It is a fascinating hobby—is not costly—provides a never-ending panorama of new experiences and is beneficial in the control of insect and vermin life in your garden.

A few inexpensive bird houses tucked away in odd corners—under eaves, a bird bath to provide a morning splash, possibly a winter feeding station for grains and bread crumbs and pieces of suet to tide them over during the winter months. Your thoughtfulness will be well repaid by our feathered friends in double measure.

## Bird Houses, Bird Baths, Feeding Stations

Also All Kinds of Feeds, Remedies and Accessories Which  
Attract Birds—Sold at Ebeling's

### SPRATT'S—BURNETT'S— JUSTRITE

We carry the following lines of Bird and Parrot Seed, food for pets and all remedies, tonics, etc.

Everything for Birds can be procured at Ebeling's: Robin Shelters, Bird Baths, Feeding Stations, Feeds, Remedies and other accessories.

**Window Display.** Watch our window for Attractive Displays of Birds, Cats, Dogs and other pets during the fall and winter.

**Ebeling's Special Seed Mixture for Canaries and Cage Birds** is unexcelled.  
1 lb. ....\$0.20

**Wheel's Seed Tonic and Song Restorer.**  
Pkg. .... .25

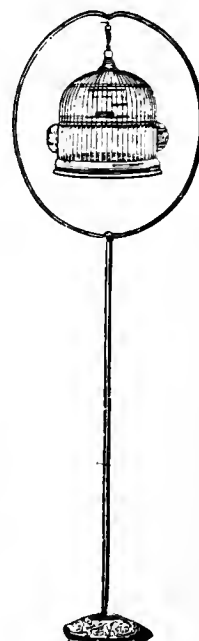
**Red Mite Liquid.** Bottle .... .35

**Parrot Mixture for Parrots, Macaws, Cockatoos, Lories and the larger varieties of Parrakeets and Love Birds.**  
2 lbs. .... .25

Parrakeet and Love Bird Mixture.....	\$0.20
Washed Silver Sand, 2 lbs., 10c; 6 lbs. ....	.25
Ebeling's Special Canary Mixture.....	.20
Plain Canary .....	.20
Hemp, 1 lb., 15c; 2 lbs. ....	.25
Wild-bird Seed and Grain Mixture, 1 lb., 10c; 3 lbs. ....	.25
Sweet German Rape .....	.20
Sunflower, 1 lb. ....	.15
Bird Millet, 1 lb. ....	.20
Unhulled Rice, 1 lb. ....	.20
Lettuce Seed, 1 oz. ....	.05
Bird Peppers, 1 oz. ....	.10
Washed Gravel, 2 lbs. ....	.10
Chinese Blue Maw, 1 lb. ....	.25
Cuttle Bone, large .....	.05

Our lines covering the above are equal to those carried by the large New York, Boston and Philadelphia Pet Supply Houses.

A complete line of bathing dishes, bath houses and treat dishes, etc.



## EVERYTHING for the FEATHERED TRIBE

### Birds, Bird Cages, Cage Stands

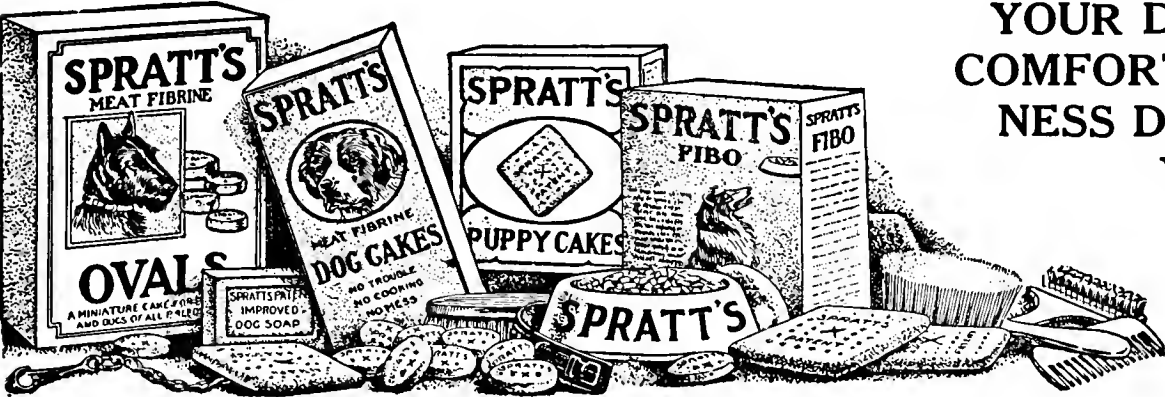
We carry a most complete line of both domestic and imported cages with stands to match at a range of price to appeal to all.

Outfits complete as low as \$1.98 and up. Outside bath house, colored to match at 29c. This new convenience is an attractive bird accessory and genuine convenience.

### KIDDIES' HEALTH SAND

For Children's  
Playgrounds

We carry fine sanitary, clean wholesome white sand, especially for children's use at 85c per 100-lb. sack. Small lots, 2c per lb.



YOUR DOG'S HEALTH  
COMFORT AND HAPPINESS  
DEPEND UPON  
YOUR  
Dog  
Foods

SPRATT'S DOG FOODS have been standard throughout the world for over seventy years. They contain only the most nourishing ingredients combined in such a way as to form perfectly balanced rations.

Price List	100 lbs.	50 lbs.	25 lbs.	1 lb.
Spratt's Dog Cakes .....	\$11.00	\$6.00	\$3.25	\$0.15
Spratt's Charcoal Ovals .....	11.50	6.00	3.25	.15
Spratt's Plain Ovals .....	11.50	6.00	3.25	.15
Spratt's Cod Liver Oil Cakes ...	12.00	6.25	3.25	.15
Spratt's Rodnim .....	12.00	6.25	3.25	.15
Spratt's Fibo .....	13.00	7.00	3.75	.15
Spratt's Challenge Terrier .....	9.00	5.00	2.75	.13
Old Trusty All Terrier .....	9.00	5.00	2.75	.13
Old Trusty Tid Bits .....	10.00	5.25	3.00	.14
Old Trusty Vitamine Bone. 5 lbs., 69c; 10 lbs.,			\$1.60	.17

CERO-MEATO .....	10 lbs.	1 lb.
	\$1.00	\$0.11

CHAPPEL'S KEN-L-BISCUIT.	Lb.	5 lbs.
Kib-L-Biscuit .....	\$0.15	\$0.69
Pup-E-Crumbles .....	.15	
Ken-L-Biscuit 2 lbs., 25c .....		.60
Chow Chow .....	.12	.55

PERFECTION FOOD.	100 lbs.	50 lbs.	25 lbs.	1 lb.
A low-priced popular food .....	\$6.00	\$3.25	\$1.75	\$0.08

GAINES MEAT, MILK AND BONE.	6.00	3.25	1.75	.08
STURDY DOG FOOD	6.00	3.25	1.75	.08

	Per Case	Per Can
KEN-L-RATION .....	\$5.90 (4 doz.)	\$0.12½
HEMO-RATION .....	5.90 (4 doz.)	.12½
PUP-E-RATION .....	5.90 (4 doz.)	.12½
VITAMONT .....	5.90 (4 doz.)	.12½
VITA-GAINES .....	5.90 (4 doz.)	.12½
KIT-E-RATION .....	5.90 (4 doz.)	.12½
KIT-E-RATION (6-oz.—5 cans) .....	.55	
EVER-READY .....	5.90 (4 doz.)	.10

CALO DOG FOOD .....	\$0.25
DOGGIE DINNER .....	.25

Note: In addition to the above we also sell in cartons at 35c per carton; 3 cartons, \$1.00; the following:

SPRATT'S FIBO.  
SPRATT'S COD LIVER OIL CAKES.  
SPRATT'S OVALS.  
SPRATT'S CHARCOAL OVALS.  
SPRATT'S PUPPY CAKES.  
BENNETT'S MILK BONE JUNIOR.  
BENNETT'S MILK BONE PUPPY CAKES.  
BENNETT'S MILK BONE DOG CAKES.

The Cat	
LOVE YOUR PETS—KEEP THEM WELL	
Use Following Remedies and Food	
CED-O-GEN. Destroys vermin.	
Pt. ....	\$0.75
Qt. ....	1.25
LOOSE CATNIP.	
Pkt. ....	.15
CATNIP BALL. In package of Catnip .....	.20
CAT FOODS. Include the following:	
SPRATT'S CAT FOOD.	
With fish, meat or milk. Pkg. ....	.30
HEM-O-RATION.	
Per lb., 1-lb. can .....	.15
8 cans .....	1.00
SPRATT'S FIBO. Per pkg. ....	.35
KIT-E-RATION. Fine balanced food.	
1-lb. can .....	.15
8 cans .....	1.00
48 cans .....	5.90
SHO FORM SOAP. A positive killer of fleas and ticks.	
Jar, 35c and .....	.75
Free, Dr. Daniels' useful book on cats.	

USE CED-O-GEN FOR YOUR DOG'S SAKE.



INSECTICIDE—KILLS FLEAS—DEODORANT  
HEALTHFUL—DISINFECTANT—SAFE TO USE

Ced-O Products Corporation.

WE CARRY CED-O-GEN IN STOCK

Pint .....	\$0.75
Quart .....	1.25
Gallon .....	3.50

PURE CEDAR BEDDING

For Use With Dogs and Pets—A Preventative of  
Disease and Vermin.

25-lb. bale .....	\$2.25
50 lbs. ....	3.85
100 lbs. ....	6.75

PEAT LITTER

Fine, inexpensive, sanitary litter. For dogs, poultry and  
horses. 225-lb. bales at \$3.25 per bale.

Q-W-Dog Remedies

We have added Q-W Dog Remedies to our  
pet department through the high recom-  
mendation and persistent demands of local  
kennel operators.

Thousands of faithful, trusting dogs are  
killed every year by nasty shoddy drug dope  
cheaply thrown together by quacks who  
don't own a single dog. Poisonous messes  
made not for the dog, but merely for the  
dollar there is in them.

Your dog is helpless. He has to take whatever you give  
him. Why betray him in a cheap, catch penny, poisonous  
mess when you can give him a remedy as pure and whole-  
some as you would like him to give you.

Q-W MANGE AND FLEA SOAP. A wonderful sulpho-  
cresol cleanser, skin healer, vermin killer, for dogs, cats  
and all other animals. \$1.00.

Q-W CONDITION POWDER. Blood purifier, stomach  
cleanser, digestion corrective, bowel regulator. Puts and  
keeps dogs in condition. Gives pep, ginger. \$1.00.

Q-W MANGE CURE. Instantly stops the itch; quickly heals  
up mange, eczema and other skin eruptions on all domestic  
animals, grows luxuriant hair. \$1.00.

Q-W WORM EXPELLER. Expels in one hour all intestinal  
parasites from dogs, cats, foxes, rabbits, etc, including  
round, hook and seat worms. Quick, sure, safe. \$1.00.

Q-W TAPE WORM EXPELLER. Quickly eradicates tape  
worms, expels head (the important part) as well as  
segments. \$1.00.

Q-W LIQUID SULPHUR COMPOUND. For bathing dogs  
with itch, giving sulphur baths, cooling blood in eczema  
and giving dogs sulphur in their drinking water. \$1.00.

Q-W VERMINOL. Powerful disinfectant, germ and vermin  
killer, dog dip. Kills fleas, lice, mites instantly. Pt., \$1.25.

Q-W PHOSPHATED COD LIVER OIL COMPOUND WITH  
LIME. Quickest food builder for wasting diseases, dis-  
temper, rundown condition, rickets, etc. Marvelous bone  
grower for pups. Indispensable in kennel. Pt., \$1.25.

Q-W TONIC. Quick, sure pick-up tonic for anemic, run-  
down animals or humans. Valuable in distemper. \$1.00.

Q-W DESEROL. For the treatment of distemper, carrying  
animal safely through disease. \$2.00.

Q-W BLACK TONGUE MIXTURE. For prevention and  
cure of black tongue. \$2.00.

Q-W FLEA OIL AND COAT GROWER. For killing all  
vermin on dogs and other domestic animals without wet-  
ting, and keeping off flies, fleas, lice, etc. Instantly ap-  
plied. Simply rub into coat. Pt., \$1.00.



- Q-W CONSTIPATION PILLS.** Quick, safe, laxative. No evil after effects. Splendid for humans, too. \$1.00.
- Q-W SALICYLATE COMPOUND TABLETS.** For rheumatism, stiff joints, partial paralysis and gout. \$1.00.
- Q-W NERVE SEDATIVE TABLETS.** For fits, convulsions and nervous dogs. Soothes nerves, kills pain, promotes sleep. \$1.25.
- Q-W COUGH MIXTURE.** For colds, coughs and all bronchial troubles. \$1.00.
- Q-W DIARRHOEA AND DYSENTERY CURE.** Stops loose bowels, soothes and heals inflamed intestines. \$1.25.
- Q-W BREEDING TABLETS.** For stimulating sexual powers in dogs. Makes males serve vigorously, brings backward bitches in season, induces conception. \$2.00.
- Q-W EAR CANCER CURE.** For internal sores, abscesses, cankers, etc., of the ear, causing dog to hold head on one side, scratch ear, etc. \$1.25.
- Q-W FLEA POWDER.** For dry-killing fleas on dogs, especially suited to small dogs and for use in winter. Per box, \$1.00.
- Q-W ANTISEPTIC SALVE.** The pride of the Q-W, a wonderful quick healer for all sores, cuts, tears, ulcers, cankers, rashes, blisters, sore footpads, etc. Fine for hunting dogs that get torn up. Good for other animals, too, and for humans. \$1.00.
- Q-W INSECT POWDER.** 50c.

## Delcreo Dog Remedies



- DELCREO.** For distemper, black tongue, colds, pneumonia, diarrhoea and other diseases of germ origin. 4 ozs., \$1.50; 16 ozs., \$5.00.
- DELCREO TONIC AND CONDITIONER.** 2 ozs., 75c.
- SOLUBLE SULPHUR COMPOUND.** For canker of the ear, eczema, rheumatism, etc. Oz., 50c; 4 ozs., \$1.50.
- SOLUBLE SULPHUR COMPOUND CAPSULES.** A convenient form of Sulphur Compound. Box of 40 capsules, \$1.00.
- SOLUBLE SULPHUR COMPOUND BATH.** For fleas, mange, eczema, etc. An invigorating antiseptic bath liquid. 4 ozs., \$1.00.
- SOLUBLE SULPHUR COMPOUND OINTMENT.** For mange, wounds, cuts, sores, etc. A soothing and healing antiseptic salve. Oz., 50c.
- SULFMINOL.** For general and chronic constipation. 4 ozs., 50c.
- DELCREO DOG SOAP.** For cleansing and stimulating the skin and coat. A pure neutral soap. 25c and 50c.
- DELCREO ROUNDWORM AND HOOKWORM CAPSULES.** In three sizes—for large breeds, for small breeds and for small puppies and small toys. Box, 50c.
- DELCREO LAXATIVE.** Especially prepared for use with Delcreo Worm Capsules. 4 ozs., 35c.
- DELCREO TAPEWORM TABLETS.** Box, 75c.
- DELCREO COD LIVER OIL AND LIME.** Pt. size, 65c.
- DELCREO WORM CAPSULES.** In puppy and toy dog size; also dog size. Box, 65c.

## William Cooper's Remedies

- COOPER'S KUR-MANGE.** Kills lice and fleas. Cures mange. Kur-Mange is odorless, non-poisonous, in powder form, dissolves quickly. Used as a dip or wash on pet animals, dogs, cats, foxes and poultry. 75c.
- COOPER'S SOPEX.** Removes dirt, kills lice and fleas. A fine shampoo. Odorless, non-poisonous powder. 2 ozs., 50c; 4 ozs., 75c.
- COOPER'S PULVEX.** A lice and flea powder. Can be used as a dry dust for fleas, lice, etc., as owners often prefer to use it dry during cold weather. 2-oz. sifter top, 50c; \$1.25.
- COOPER'S PINE OIL DISINFECTANT.** 8 ozs., 50c; pt., \$1.00; gal., \$2.50.
- SHO-FORM SOAP.** 3 ozs., 35c; 8 ozs., 75c.
- VITAKALK.** For puppies. 4 ozs., 50c; lb., \$1.25; 2 lbs., \$2.00.

## Dr. A. C. Daniels' Remedies For Dogs, Puppies, Cats, Kittens

- ANTI-VOMIT.** For vomiting, gastritis, diarrhoea, dysentery, stomatitis. 50c.
- ACOBEL WAFERS.** For puppies and cats. For treating colds, distemper and fevered conditions. 50c.
- BRONCHIAL DROPS.** Dog or cat. For treating bronchitis, colds, distemper, influenza, sore throat. 65c.

- CALYCYTITIS.** Dog or cat—for treating blinitis, cystitis, calculi, and certain urinary and bladder troubles. 65c.
- CARBO-NEGUS.** The cleansing and disinfecting liquid for animals, house, kennel. 35c.
- CHOREA AND PAIN REMEDY.** Dog or cat. For treating chorea, colic, convulsions, fits, cramps, gastritis. 50c.
- DANILAX (Tasteless Laxative).** Dog or cat. A liquid laxative for general use in relieving and regulating the bowels. 35c and 65c.
- DERMITITE.** Dog or cat. For certain forms of eczema and mange, inflamed and itching skin. \$1.00.
- DIARRHOEA PILLS.** Dog or cat. For diarrhoea and dysentery. 65c.
- DISPO LIQUID.** Dog or cat. For use in place of distemper tablets. \$1.00.
- DISPO TABLETS.** For dogs suffering from fevered conditions arising from colds, distemper and milk fever. 65c.
- EMULSION.** Dog or cat. For treatment of anemia, bronchitis, consumption, constipation, distemper, rickets, worms and general run-down conditions. 65c.
- EYE WASH.** With a bottle of Irest. For any animal. 50c.
- FLECKO.** A grooming and cleansing liquid. 35c and 65c.
- GERMI.** Canker remedy—dog or cat—for canker of the ear, common cuts, sores and wounds. 35c.
- H. B. O.** The famous Hairball Remedy for cats and kittens. 65c.
- KATONIC.** For cats and kittens. A tonic indicated in treatment of abortion, appetite, apoplexy, bronchocele, bronchitis, catarrh, colic, cough, cold, distemper, eczema, gastritis, gastric-enteritis, mange, neuralgia, pneumonia, rheumatism, ringworm, stomatitis, vomiting and worms. A tonic for general run-down condition and may be given freely. 25c.
- LAXATIVE TABLETS.** Dog or cat. For bilious conditions, constipation, poor appetite and certain liver, kidney and urinary troubles. 50c.
- MANGE SALVE.** Dog, cats or other animals. For the treatment of certain forms of mange, eczema and skin ills. 65c.
- MANGE LIQUID-VOLITAR.** A liquid mange preparation. For treating skin ills and mangy conditions of animals. Also a relief for fleas. 65c.
- NASAL BALM.** Dog or cat. For cold in the head, catarrh, distemper, relieving the dry and inflamed condition of the nasal passages. 35c.
- NERVE FIT TABLETS.** Dog or cat. For certain convulsions, eclampsia, epileptic fits, retention of urine and certain nervous conditions. 35c.
- NEURHUE TABLETS.** Dog or cat. Used in treatment of certain neuralgic and rheumatic pains, aches and swollen joints. 35c.
- RESTORATIVE TABLETS.** For dogs. A real condition pill. A tonic, to aid digestive or run-down condition. 65c.
- SHO FORM SOAP.** A positive killer of fleas and ticks. Jars, 35c and 75c.
- SKIN OINTMENT.** Dog or cat. An antiseptic salve for certain mangy conditions, eczema, and itching skin. 35c.
- SULPHUR COMPOUND TABLETS.** Dog or cat. A cooling remedy in eczema, itching skin, mangy conditions. 50c.
- TONIC PILLS.** A tonic medicine for puppies, small and toy dogs, cats and kittens in run-down condition. 65c.
- V. M. CAPSULES.** The vitamins for bone and muscle. 50c.
- WORM DROP CAPSULES.** For cats and toys. 65c.
- WORM DROP LIQUID.** Cats and kittens. 50c.
- CATNIP BALL.** In a package of Catnip. 15c.
- CATNIP MOUSE (Kettlie's).** Special catnip. 15c.
- SUMMITT BRAND CATNIP AND HERBS.** 15c.

### SERVICE TO PET OWNERS

Boarding, Bathing, Manicuring, Clipping, Flea Treatments

## Wheel's Kennel For Pets

316 No. Collingwood Ave.  
Phone 5-7168  
Syracuse, N. Y.

Also, our new kennels on  
West Seneca Turnpike,  
Onondaga Hill, N. Y.

Practical advice and suggestions from one who is constantly in touch with your needs. Operating modern home-like kennels—where dogs, cats, parrots and canaries are cared for under experienced supervision and good sanitary conditions.

When in need call at our Pet Department with your troubles. After business hours phone 5-7168.

When your pet's life has come to its end—why not reward its faithfulness by a quiet resting place in Pet Haven Cemetery, on West Seneca Turnpike, Onondaga Hill, N. Y.?

P. S.—In order to complete our service to the public, we are hereby co-operating for pet owners' benefit.

F. H. EBELING.



Gold and Tropical Fish Dept.

Prices Subject to Change Without Notice.

Of the essential requirements for an ideal living room, the first is a fireplace and a second an aquarium of fish, which adds beauty, color, motion and life that could be obtained in no other way.

A beautiful object in motion will attract and please quicker than a beautiful object which is inanimate. This is why fish with their brilliant colors contrasting with the green of plants, the white of shells or ornaments, and the crystal of the glass, add a charm to any room. Children always find fish a constant attraction and delight.

Advice as to the care of tropical and goldfish and aquariums cheerfully given at our pet department. We are sparing no expense to procure rare and unusual fish, birds and pets to interest Nature lovers. We especially encourage children visiting our pet department.

NEW and INTERESTING varieties of tropical fish with their strange breeding habits, their fascinating mating antics, are being added to our collection nearly every week. Literature and books are procurable at our Pet Department at small cost. Join with thousands of others the new hobby of owning a beautiful tropical fish aquarium.

SNOW-WHITE SAND. For aquariums. Lb. ....\$0.05

SEA SHELLS. Assorted. Bag ..... .15

PEARL CHIPS. White and colored, Lb. .... .10


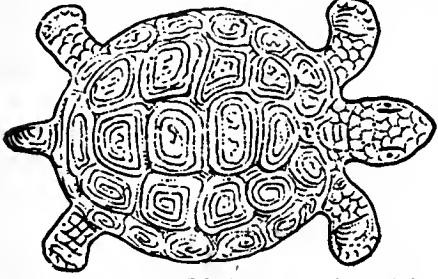
ORNAMENTS of every description, including castles, artificial coral, decorated shells, fisher boys, mermaids, bathing girls, and countless other novelties.

FISH BOWLS, ROUND DRUM OR SQUAT STYLE

2-quart .....\$0.20      2-gallon .....\$0.90

1-gallon ..... .45      3-gallon ..... 1.60

FLOATING THERMOMETERS.      AQUARIUM HEATERS.



Scavengers

Red Ramshorns. \$0.25

Japanese Live Bearing Snails. .15

Tadpoles ..... .10

Newts ..... .25

Baby Turtles ...10

PLANTS FOR AQUARIUMS

Cabomba. Bunch .....\$0.15

Vallisneria. Plant, 10c; 3 plants ..... .25

Anacharis. Bunch ..... .15

Giant Sagittaria. 2 plants ..... .95

Myriophyllum. Bunch ..... .15

AQUARIUM TANKS

1½-gal. tank .....\$1.45      5-gal. tank .....\$4.50

2 -gal. tank ..... 2.25      8-gal. tank ..... 5.85

3 -gal. tank ..... 3.15      10-gal. tank ..... 8.65

4 -gal. tank ..... 3.60      15-gal. tank ..... 9.90

FLORISTS' SUNDRIES

Thermometers

Tin Foil

Green Moss

Raffia and Reed

Immortelles

Mastica

Plant Labels

Fumigators

Shears

Fine Cutlery

Flower Pot

Brackets

Bird Supplies

Bulb Syringes

Glazing Points

Flower Pots

Hyacinth Glasses

Hanging Baskets

Flower Supports

Plant Stands

Trellises

Scissors

Syringes for Plants

Lawn Seed and Fertilizers

Wire Plant Supports

WIRE HANGING BASKETS

Each

10 in. ....\$0.40

12 in. .... .50

15 in. .... .60

18 in. .... .75

“ADJUSTO”

PLANT SUPPORTS

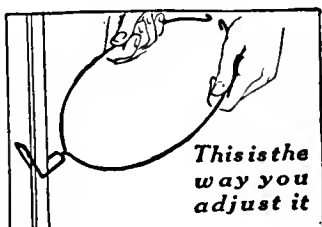
A sturdy, hard-wood stake seven-eighths inch square, 3, 4 or 5 feet long, with a strong wire support instantly adjustable to any height.

Buy “Adjustos” at a garden-supply store or write direct to us.

Saves space because it keeps your plants in the air and sun, and from the ground. Enables you to cultivate close to the plant. “Adjusto” supported tomatoes ripen to perfection. “Adjusto” supports bring out the full beauty of Dahlias, Chrysanthemums and all the slender, tall-growing varieties.

3-foot, 20c.

4-foot, 25c.



This is the way you adjust it

Flower Pots, Tubs, Crocks, Etc.

Full inside measurement. No charge for packing. Flower pots and bulb pans cannot be sent by mail, but only by express or freight, at customer's expense.

Size      Each      Doz.      100      Size      Each      Doz.      100

1¾ in. ...\$0.03      \$0.25      \$1.25      6 in. ...\$0.10      \$1.00      \$ 7.29

2 in. ... .03      .25      1.25      7 in. ... .17      1.70      12.15

2½ in. ... .03      .25      1.35      8 in. ... .25      2.50      17.75

3 in. ... .03½      .30      1.75      9 in. ... .40      3.75      27.00

3½ in. ... .04      .35      2.25      10 in. ... .50      5.00      36.45

4 in. ... .05      .45      2.75      12 in. ... 1.00      9.90      74.25

5 in. ... .07      .70      4.85      14 in. ... 1.50      16.20      121.50

FLOWER POT SAUCERS

Size      Each      Doz.      100      Size      Each      Doz.      100

3 in. ....\$0.03      \$0.25      \$1.62      8 in. ...\$0.10      \$1.00      \$ 7.43

4 in. .... .03      .30      2.03      9 in. ... .15      1.35      10.13

5 in. .... .04      .35      2.70      10 in. ... .18      1.75      12.15

6 in. .... .05      .50      4.05      12 in. ... .25      2.50      18.23

7 in. .... .08      .75      5.40      14 in. ... .35      4.00      30.38

ROUND BULB OR LILY PANS

Width      Height      Each      Doz.      100

4 in.      3 in. ....\$0.05      \$ 0.40      \$ 2.70

5 in.      3 in. .... .07      .70      4.85

6 in.      3½ in. .... .10      1.00      7.35

7 in.      4 in. .... .17      1.75      12.15

8 in.      4½ in. .... .25      2.50      17.55

9 in.      5 in. .... .40      4.00      27.00

10 in.      6 in. .... .50      5.00      36.50

14 in.      7 in. .... 1.50      16.00      121.50

NEPONSET WATERPROOF PAPER FLOWER POTS

Doz.      100      1000      Doz.      100      1000

2¼ in. ..\$0.11      \$0.50      \$ 4.40      4 in. ....\$0.25      \$1.30      \$18.50

2½ in. .. .13      .60      5.00      5 in. .... .30      2.00      28.50

3 in. .... .18      .80      6.70      6 in. .... .45      2.70      38.25

3½ in. .. .20      1.00      9.00

SIMPLEX WEATHER-PROOF PLANT LABELS WITH COPPER WIRES

Prices, Including Copper Wires for Attaching:

No.      1—3 x ½ in. ....\$0.50      \$3.00

No.      2—4 x ¾ in. .... .75      5.00

No.      3—5 x 1 in. .... 1.00      7.00

No.      10—2¾x1½ in. .... .25      2.75

No.      11—3 x 2 in. .... .30      3.25

No.      21—4 x 5⁄8 in. .... .30      1.95

No.      22—5 x ¾ in. .... .45      3.00

REED—Retail Price List.

Oz.      ¼ lb.      ½ lb.      Lb.      Oz.      ¼ lb.      ½ lb.      Lb.

No. 1..\$0.10      \$0.40      \$0.70      \$1.20      No. 5..\$0.10      \$0.30      \$0.50      \$0.80

No. 2.. .10      .40      .65      1.10      No. 6.. .10      .25      .45      .70

No. 3.. .10      .35      .60      1.00      No. 7.. .10      .25      .40      .60

No. 4.. .10      .35      .55      .90

Chair Cane. 5 sizes. \$1.25 to \$1.75 per bunch.

Raffia, Natural. Oz., 10c.

Raffia, Colors. Oz., 15c.

Rattan. Oz., 10c; lb., \$1.00.

KEGS

White Oak Charred      Red Oak Paraffined      White Oak Plain

8-galv. hoops, copper riveted.      5 gal. ....\$1.65      2 gal. ....\$1.60

2 gal. ....\$2.00      10 gal. .... 2.25      3 gal. .... 1.85

3 gal. .... 2.50      15 gal. .... 2.50      5 gal. .... 2.25

5 gal. .... 3.00      20 gal. .... 3.00      10 gal. .... 2.75

10 gal. .... 3.50      25 gal. .... 3.60      15 gal. .... 3.25

15 gal. .... 4.25      30 gal. .... 4.00      20 gal. .... 4.00

20 gal. .... 5.00      50 gal. .... 5.00      25 gal. .... 4.75

25 gal. .... 5.50           30 gal. .... 5.25

30 gal. .... 6.00           50 gal. .... 7.50

50 gal. .... 9.50           8 hoops. 5.00      8 hoops. 7.50

FLOWER TUBS—ALL SIZES

\$1.25—\$1.50—\$1.75—\$2.00—\$2.50—\$3.50

Flower Pots      Fern Pans

Hanging Baskets      Lily Pans

CROCKS      CROCKS, JUGS AND JARS      JUGS

COVERS

1 gal. ....\$0.18      \$0.23      1 gal. ....\$0.25

2 gal. .... .36      .23      2 gal. .... .50

3 gal. .... .54      .30      3 gal. .... .75

4 gal. .... .72      .40      4 gal. .... 1.00

5 gal. .... .90      .45      5 gal. .... 1.25

6 gal. .... 1.08      .55

8 gal. .... 1.60      .65

10 gal. .... 2.00      .75

12 gal. .... 2.40      .85

15 gal. .... 3.30

20 gal. .... 4.40

BUTTER JARS

2-lb. ....\$0.10

3-lb. .... .12

5-lb. .... .15

GALVANIZED WINDOW BOXES

In Various Styles and Sizes.

Index to Select Flower Seeds and Bulbs

Abutilon .....	2	Centaurea .....	5	Gypsophila .....	8	Petunia .....	11
Achillea .....	2	Cerastium .....	5	Helianthus .....	8	Phlox .....	11
Aconitum .....	2	Cheiranthus .....	5	Helichrysum .....	8	Physalis .....	11
Acroclinium .....	2	Chrysanthemums .....	6	Heliotrope .....	8	Physostegia .....	11
Adlumia .....	2	Cineraria .....	6	Heuchera .....	8	Platycodon .....	12
Adonis .....	2	Cinnamon Vine .....	17	Hibiscus .....	8	Polemonium .....	12
Ageratum .....	2	Clarkia .....	6	Hollyhock .....	8	Poppies .....	12
Agrostemma .....	2	Clematis .....	6	Honesty .....	8	Portulaca .....	12
Alyssum .....	2	Clianthus .....	6	Humulus .....	8	Primula .....	12
Amaranthus .....	2	Cobaca .....	6	Hunnemannia .....	8	Pyrethrum .....	12
Amaryllis .....	17	Coleus .....	6	Ipomoea .....	8	Rhodanthe .....	12
Ammobium .....	3	Convolvulus .....	6	Kochia .....	9	Ricinus .....	12
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Anemone .....	3	Cyclamen .....	6	Larkspur .....	9	Salpiglossis .....	12
Anthemis .....	3	Cynoglossum .....	6	Lathyrus .....	9	Scabiosa .....	12
Antirrhinum .....	3	Dahlia .....	6	Lavender .....	9	Scarlet Runner Bean .....	12
Aquilegia .....	3	Datura .....	7	Liatris .....	9	Schizanthus .....	13
Arabis .....	3	Delphinium .....	7	Lilies .....	17	Shasta Daisies .....	13
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# Tall Growing Exquisite GLADIOLUS

Wonderful variety  
in a riot of colors  
that will dominate  
in your garden

Excellent for  
Bouquets and  
Table Decorations

## 12 Outstanding Varieties

**ALICE TIPLADY.** Soft orange, saffron shade. Extra fine.

**BARON J. HULOT.** (Lemoine). Rich violet-blue.

**BREAK O' DAY.** La France pink flushed over cream, deeper at tips of petals. Zone Martin's yellow on lower petals with delicate central lines of Brazil red. Largest extra early.

**GOLDEN WEST.** (Wilmore). Clear orange scarlet, lower petals blazed with golden yellow, faintly suffused with violet shadings. Very early.

**LE MARECHAL FOCH.** Early light salmon-pink. Very large and early.

**MARY PICKFORD.** (Kunderd). Wonderful creamy white with handsome heavy spikes showing many flowers open at once.

**MRS. LEON DOUGLAS.** Mammoth in size. Salmon-rose-pink. Flame and scarlet splashings.

**NORA.** Delicate lavender on white ground, deeper at edge of petals. A desirable cut flower variety.

**OPALESCENT.** Spikes of very large pale rose-lavender. A pure self-color with soft lilac throat lines.

**PRIORITY.** Tall, straight and strong. Large flowers. Venetian pink, shaded darker toward the tips. Faint central lines and feather of deep rose-pink.

**SCARLET PRINCEPS.** Large scarlet.

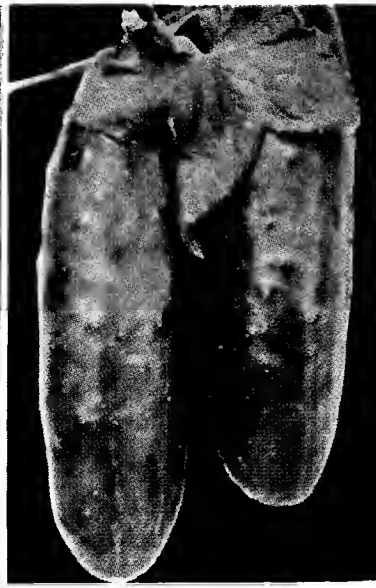
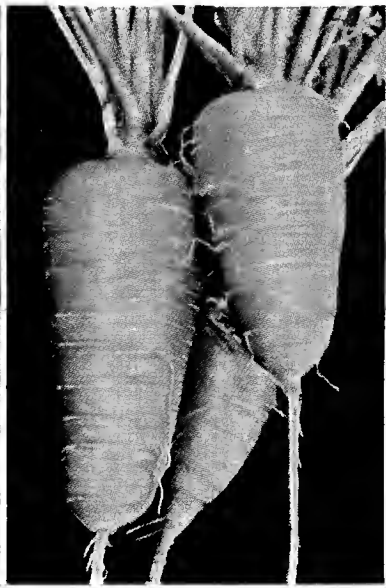
**THEDA.** Large flowers on tall stems. Delicate shrimp pink blending to soft Pinard yellow in the throat with pansy-violet lines on the lower petals.

1 bulb of each	(12 bulbs)	\$ 0.50
6 bulbs of each	(72 bulbs)	2.80
12 bulbs of each	(144 bulbs)	5.40
25 bulbs of each	(300 bulbs)	\$10.75

**GLADIOLI.** Extra choice mixed, 35c per doz. Good mixed, 25c per doz.







# Tasty, Luscious Vegetables



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crops from your  
own garden

HOME GARDEN

Special Offer

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Beets, Detroit.  
Carrot, Danvers.  
Cucumber, Davis.  
Lettuce, Grand Rapids.  
Onion, Yellow Danvers.  
Peas, Little Marvel.  
Radish, Scarlet Globe.  
Swiss Chard.  
Sweet Corn, Golden Bantam.  
Squash, Summer.  
Turnip, White Globe.

One packet of  
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Splendid Varieties  
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